

# Anti-Sclerostin antibody [MM0556-9N13] ab89733

## 1 图像

### 概述

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| 产品名称  | Anti-Sclerostin抗体[MM0556-9N13]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 描述    | 小鼠单克隆抗体[MM0556-9N13] to Sclerostin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 宿主    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 经测试应用 | 适用于: WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 种属反应性 | 与反应: Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 免疫原   | Recombinant full length Human Sclerostin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 阳性对照  | WB: Human placenta tissue lysate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 常规说明  | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

### 性能

|      |                                                                                                                                 |
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| 形式   | Liquid                                                                                                                          |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.                         |
| 存储溶液 | Constituent: PBS                                                                                                                |
| 纯度   | Protein G purified                                                                                                              |
| 纯化说明 | The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and filtered through a 0.2 µm filter. |
| 克隆   | 单克隆                                                                                                                             |
| 克隆编号 | MM0556-9N13                                                                                                                     |
| 同种型  | IgG2                                                                                                                            |

### 应用

The Abpromise guarantee

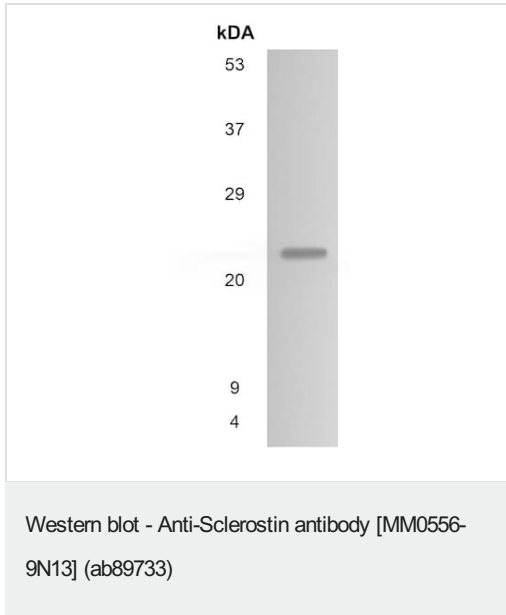
Abpromise™承诺保证使用ab89733于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明                                                  |
|----|------|-----------------------------------------------------|
| WB |      | 1/500 - 1/1000. Predicted molecular weight: 24 kDa. |

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| 靶标    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 功能    | Negative regulator of bone growth.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 组织特异性 | Widely expressed at low levels with highest levels in bone, cartilage, kidney, liver, bone marrow and primary osteoblasts differentiated for 21 days.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 疾病相关  | <p>Defects in SOST are the cause of sclerosteosis (SOST) [MIM:269500]; also known as cortical hyperostosis with syndactyly. SOST is an autosomal recessive sclerosing bone dysplasia characterized by a generalized hyperostosis and sclerosis leading to a markedly thickened skull, with mandible, ribs, clavicles and all long bones also being affected. Due to narrowing of the foramina of the cranial nerves, facial nerve palsy, hearing loss and atrophy of the optic nerves can occur. Sclerosteosis is clinically and radiologically very similar to van Buchem disease, mainly differentiated by hand malformations and a large stature in sclerosteosis patients.</p> <p>Note=A 52 kb deletion downstream of SOST results in SOST transcription suppression and is a cause of van Buchem disease (VBCH) [MIM:239100]; also known as hyperostosis corticalis generalisata. VBCH is an autosomal recessive sclerosing bone dysplasia characterized by endosteal hyperostosis of the mandible, skull, ribs, clavicles, and diaphyses of the long bones. Affected patients present a symmetrically increased thickness of bones, most frequently found as an enlarged jawbone, but also an enlargement of the skull, ribs, diaphysis of long bones, as well as tubular bones of hands and feet. The clinical consequence of increased thickness of the skull include facial nerve palsy causing hearing loss, visual problems, neurological pain, and, very rarely, blindness as a consequence of optic atrophy. Serum alkaline phosphatase levels are elevated.</p> |
| 序列相似性 | <p>Belongs to the sclerostin family.</p> <p>Contains 1 CTCK (C-terminal cystine knot-like) domain.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 细胞定位  | Secreted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

图片



Anti-Sclerostin antibody [MM0556-9N13] (ab89733) + Human Placenta Tissue Lysate

**Predicted band size: 24 kDa**

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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