

Anti-Meprin beta antibody ab42743

[2 References](#) [1 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-Meprin beta抗体 |
| 描述 | 兔多克隆抗体to Meprin beta |
| 宿主 | Rabbit |
| 特异性 | Meprin beta antibody Math Domain recognizes meprin beta but not alpha subunits. |
| 经测试应用 | 适用于: WB |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 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&As</p> |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.05% Sodium azide Constituent: 50% Glycerol |
| 纯度 | Immunogen affinity purified |
| 纯化说明 | Peptide-affinity purified. |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab42743于以下的经测试应用

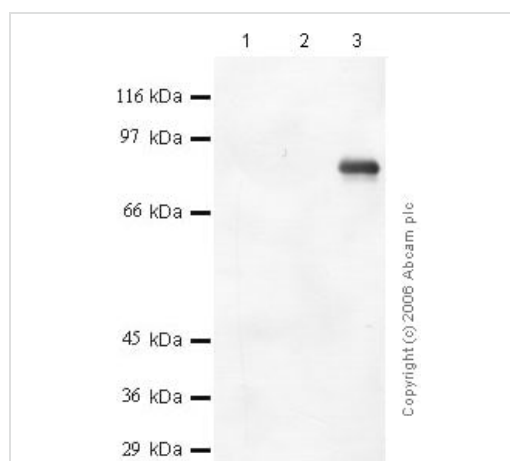
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----|------|---|
| WB | | 1/1000. Predicted molecular weight: 84 kDa. 1/1000 for using colorimetric substrates such as BCIP/NBT. WB: 1/5000 for chemiluminescent substrates. Higher concentrations of antibody may be needed for samples from more distantly related species. Dilution optimised using Chromogenic detection. |

靶标

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| 功能 | Membrane metallopeptidase that sheds many membrane-bound proteins. Known substrates include: FGF19, VGFA, IL1B, IL18, procollagen I and III, E-cadherin, KLK7, gastrin, ADAM10, tenascin-C. The presence of several pro-inflammatory cytokine among substrates implicate MEP1B in inflammation. It is also involved in tissue remodeling due to its capability to degrade extracellular matrix components. |
| 组织特异性 | The major site of expression is the brush border membrane of small intestinal and kidney epithelial cells. |
| 序列相似性 | Belongs to the peptidase M12A family. Contains 1 EGF-like domain. Contains 1 MAM domain. Contains 1 MATH domain. |
| 翻译后修饰 | N-glycosylated; contains high mannose and/or complex biantennary structures. O-glycosylation protect the C-terminal region from proteolytic cleavage and diminish secretion, this seems to be specific to human. Proteolytically activated by trypsin in the intestinal lumen and kallikrein-related peptidases in other tissues. |
| 细胞定位 | Cell membrane. Secreted. Homodimers are essentially membrane bound but may also be shed from the surface by ADAM-10 and ADAM-17. |

图片



Western blot - Anti-Meprin beta antibody (ab42743)

All lanes : Anti-Meprin beta antibody (ab42743) at 1/1000 dilution

Lane 1 : recombinant Human Meprin-alpha at 0.05 µg

Lane 2 : negative control

Lane 3 : recombinant Human Meprin-beta at 0.05 µg

Predicted band size: 84 kDa

Observed band size: 84 kDa

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

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