

Anti-ADAMTS4 antibody ab84792

11 References **2 图像**

概述

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| 产品名称 | Anti-ADAMTS4抗体 |
| 描述 | 兔多克隆抗体to ADAMTS4 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, IHC-P |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic peptide from the C-terminal of Human ADAMTS4 (NM_005099). |
| 阳性对照 | IHC-P: Human brain tissue. WB: Human fetal brain lysates. |
| 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

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| 形式 | Lyophilized:Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary. |
| 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: 0.02% Sodium azide |
| 纯度 | Protein A/G purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab84792于以下的经测试应用

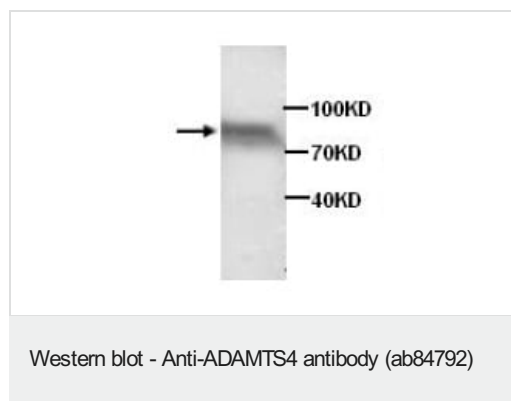
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|------|---|
| WB | | 1/200 - 1/500. Detects a band of approximately 90 kDa (predicted molecular weight: 90 kDa). |
| IHC-P | | 1/100 - 1/500. |

靶标

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| 功能 | Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. Could also be a critical factor in the exacerbation of neurodegeneration in Alzheimer disease. Cleaves aggrecan at the '392-Glu-Ala-393' site. |
| 组织特异性 | Expressed in brain, lung and heart. Expressed at very low level in placenta and skeletal muscles. |
| 序列相似性 | Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 1 TSP type-1 domain. |
| 结构域 | The spacer domain and the TSP type-1 domains are important for a tight interaction with the extracellular matrix. The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme. |
| 翻译后修饰 | The precursor is cleaved by a furin endopeptidase. |
| 细胞定位 | Secreted > extracellular space > extracellular matrix. |

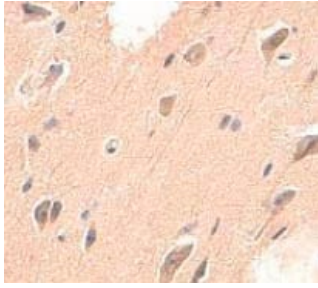
图片



Anti-ADAMTS4 antibody (ab84792) at 1/1000 dilution + Human fetal brain lysates

Predicted band size: 90 kDa

Observed band size: 90 kDa



ab84792 at a 1/200 dilution staining ADAMTS4 in Human brain tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ADAMTS4 antibody (ab84792)

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

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