

Anti-ADAMTS4 antibody ab84792

11 References 画像数 2

医薬用外毒物

製品の概要

製品名	Anti-ADAMTS4 antibody
製品の詳細	Rabbit polyclonal to ADAMTS4
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide from the C-terminal of Human ADAMTS4 (NM_005099).
ポジティブ・コントロール	IHC-P: Human brain tissue. WB: Human fetal brain lysates.
特記事項	<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>

製品の特性

製品の状態	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.
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide
精製度	Protein A/G purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab84792の使用に適用されます

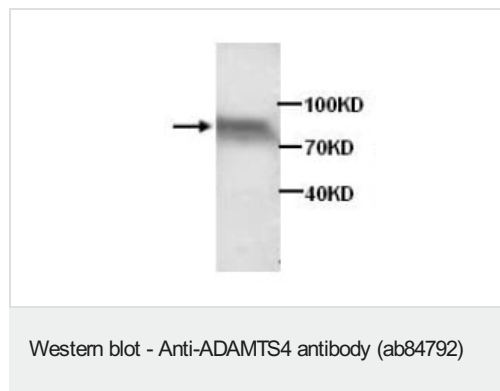
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/200 - 1/500. Detects a band of approximately 90 kDa (predicted molecular weight: 90 kDa).
IHC-P		1/100 - 1/500.

ターゲット情報

機能	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.
組織特異性	Expressed in brain, lung and heart. Expressed at very low level in placenta and skeletal muscles.
配列類似性	Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 1 TSP type-1 domain.
ドメイン	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.
翻訳後修飾	The precursor is cleaved by a furin endopeptidase.
細胞内局在	Secreted > extracellular space > extracellular matrix.

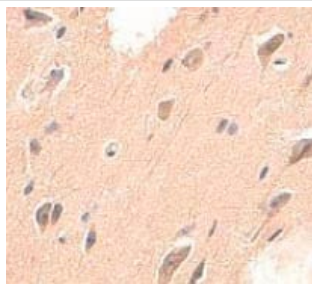
画像



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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