

Product datasheet

Anti-TIMP3 antibody - Aminoterminal end ab56194

製品の概要

製品名	Anti-TIMP3 antibody - Aminoterminal end
製品の詳細	Rabbit polyclonal to TIMP3 - Aminoterminal end
由来種	Rabbit
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Recombinant fragment 交差が予測される動物種: Human, Xenopus laevis
免疫原	Synthetic peptide corresponding to N-terminal residues of Xenopus laevis TIMP3.

製品の特性

製品の状態	Liquid
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: 0.01% Sodium Azide Constituents: 50% Glycerol, PBS
精製度	Immunogen affinity 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

Our [Abpromise guarantee](#) covers the use of **ab56194** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 24 kDa. Incubate for 2 hours. This antibody has been tested in Western blot against the recombinant peptide used as an immunogen. We have no data on detection of endogenous protein.
ELISA		Use at an assay dependent dilution.

ターゲット情報

機能	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.
関連疾患	Defects in TIMP3 are the cause of Sorsby fundus dystrophy (SFD) [MIM:136900]. SFD is a rare autosomal dominant macular disorder with an age of onset in the fourth decade. It is characterized by loss of central vision from subretinal neovascularization and atrophy of the ocular tissues. Generally, macular disciform degeneration develops in the patients eye within 6 months to 6 years.
配列類似性	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.
細胞内局在	Secreted > extracellular space > extracellular matrix.

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