

TIMP-3 Rabbit pAb

CatalogNo: YT4660

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, IHC

MW

- 25kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human TIMP3. AA range: 91-140

Specificity TIMP-3 Polyclonal Antibody detects endogenous levels of TIMP-3 protein.

Target Information

Gene name TIMP3

Protein Name Metalloproteinase inhibitor 3

Organism	Gene ID	UniProt ID
Human	7078;	P35625;
Mouse	21859;	P39876;
Rat		P48032;

Cellular Localization Secreted, extracellular space, extracellular matrix.

Tissue specificity Kidney,Mammary carcinoma,Pancreas,Placenta,Retina,Uterus,

Function Disease: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.,Function:Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them. 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.,online information:Retina International's Scientific Newsletter,similarity:Belongs to the protease inhibitor I35 (TIMP) family.,similarity:Contains 1 NTR domain.,

Validation Data

Contact information

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Please scan the QR code to access additional product information:
TIMP-3 Rabbit pAb

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