

TIMP3 polyclonal antibody

Catalog # PAB8014 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of rat kidney tissue lysate. Using TIMP3 polyclonal antibody (Cat # PAB8014) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TIMP3.
Immunogen	A synthetic peptide corresponding to amino acids 198-211 at C-terminus of human TIMP3.
Sequence	WAPPDKSINATDP
Host	Rabbit
Theoretical MW (kDa)	24.1
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (0.1-0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction

Store at -20°C on dry atmosphere.

After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — TIMP3

Entrez GeneID [7078](#)

Gene Name TIMP3

Gene Alias HSMRK222, K222, K222TA2, SFD

Gene Description TIMP metalloproteinase inhibitor 3

Omim ID [136900](#) [188826](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix (ECM). Expression of this gene is induced in response to mitogenic stimulation and this netrin domain-containing protein is localized to the ECM. Mutations in this gene have been associated with the autosomal dominant disorder Sorsby's fundus dystrophy. [provided by RefSeq]

Other Designations MIG-5 protein|tissue inhibitor of metalloproteinase 3

Publication Reference

- [Genomic organization of the human tissue inhibitor of metalloproteinases-3 \(TIMP3\).](#)

Stohr H, Roomp K, Felbor U, Weber BH.

Genome Research 1995 Dec; 5(5):483.

- [Cloning of the cDNA encoding human tissue inhibitor of metalloproteinases-3 \(TIMP-3\) and mapping of the TIMP3 gene to chromosome 22.](#)

Apte SS, Mattei MG, Olsen BR.

Genomics 1994 Jan; 19(1):86.

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