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39-2064: Anti-TIMP3 Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB,ELISA
Reactivity :	Human
Gene :	TIMP3
Gene ID :	7078
Uniprot ID :	P35625
Format :	Lyophilized
Alternative Name :	Metalloproteinase inhibitor 3; Protein MIG-5; Tissue inhibitor of metalloproteinases 3; TIMP-3; TIMP3
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide corresponding to a sequence at the C-terminus of human TIMP3(198-211aa WAPPDKSIINATDP), different from the related rat and mouse sequences by one amino acid.

Description

Metalloproteinase inhibitor 3 is a protein that in humans is encoded by the TIMP3 gene. It is mapped to 22q12.1-q13.2. This gene belongs to the tissue inhibitor of metalloproteinases gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of theextracellular 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.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5Ã‚Â¼g/ml; ELISA : 0.1-0.5Ã‚Â¼g/ml

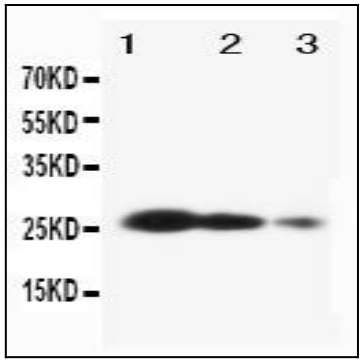


Figure 1: Anti-TIMP3 antibody(39-2064). Western blotting: Lane 1: Recombinant Human TIMP3 Protein 10ng, Lane 2: Recombinant Human TIMP3 Protein 5ng, Lane 3: Recombinant Human TIMP3 Protein 2.5ng.

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