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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

A synthetic peptide corresponding to a sequence at the C-terminus of human

Immunogen Information: 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 : $0.1-0.5\tilde{A} \square \hat{A}^{1/4}g/ml$; ELISA : $0.1-0.5\tilde{A} \square \hat{A}^{1/4}g/ml$

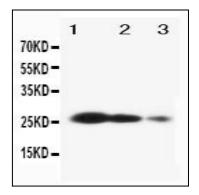


Figure 1: Anti-TIMP3 antibody(39-2064). Western blotting: Lane 1: Recombinant Human TIMP3 Protein 10ng, Lane 2: Recombinant Human TIMP3 Protein 5ng, Lane 3: Recombinant Human TIMP3 Protein 2.5ng.