

TIMP-3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250885

Unit: 0.1 mg

Description:

Tissue inhibitor of metalloproteinases 3 complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. TIMP-3 is critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix. Defects in TIMP-3 are the cause of Sorsby fundus dystrophy (SFD). 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 patient's eye within 6 months to 6 years.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, Sh, B, Mk

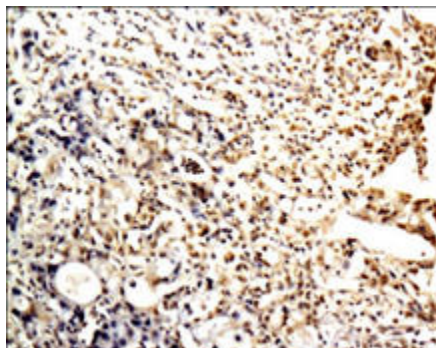
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Metalloproteinase inhibitor 3; Tissue inhibitor of metalloproteinases 3; TIMP-3; Protein MIG-5; TIMP3

Accession No.: P35625

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TIMP-3.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



TIMP-3 staining in human stomach cancer. Paraffin-embedded human stomach cancer is stained with TIMP-3 Antibody (Cat. No. 250885) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.