

TIMP-4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251899

Unit: 0.1 mg

Description:

Tissue inhibitor of metalloproteinases 4 (TIMP-4) complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. TIMP-4 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.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

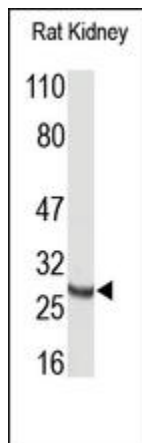
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 50% glycerol with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Metalloproteinase inhibitor 4; Tissue inhibitor of metalloproteinases 4; TIMP-4; TIMP4

Accession No.: Q99727

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TIMP-4.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500



The TIMP-4 Antibody is used in Western blot to detect TIMP-4 in rat kidney lysates.

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.