TIMP-2 Antibody

Catalog No: #48343

Package Size: #48343-1 50ul #48343-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

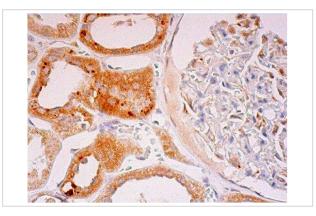
Description

Product Name	TIMP-2 Antibody				
Host Species	Goat				
Clonality	Polyclonal				
Purification	Immunogen affinity purified				
Applications	WB, IP, IF, IHC				
Species Reactivity	Hu, Ms, Rt				
Immunogen Description	peptide				
Other Names	CSC 21K antibody CSC-21K antibody CSC21K antibody Metalloproteinase inhibitor 2 antibody				
	Metalloproteinase inhibitor 2 precursor antibody TIMP 2 antibody TIMP metallopeptidase inhibitor 2 antibody				
	TIMP-2 antibody TIMP2 antibody TIMP2_HUMAN antibody Tissue Inhibitor of Metalloproteinase 2 antibody				
	Tissue inhibitor of metalloproteinases 2 antibody				
Accession No.	Swiss-Prot#:P16035				
Uniprot	P16035				
GeneID	7077;				
Calculated MW	21 kDa				
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.				
Storage	Store at -20°C				

Application Details

WB: 1:1,000IHC: 1:50-500IP: 1-2 μg per 100-500 μg of total protein

Images



Immunoperoxidase staining of formalin fixed, paraffin-embedded human kidney tissue showing cytoplasmic staining of cells in glomeruli and cells in tubules.

Background

TIMP-1, TIMP-2, TIMP-3 and TIMP-4 (for tissue inhibitor of metalloproteinases-1, -2, -3 and -4) complex with metalloproteinases such as collagenases, gelatinases and stromelysins, resulting in irreversible inactivation of the metalloproteinase. TIMP-1 was found to be identical to EPA

(erythroid-potentiation activity). Parathyroid hormone has been shown to be a regulator of TIMP-2 in osteoblastic cells. TIMP-3 may be involved in regulating trophoblastic invasion of the uterus as well as in regulating remodeling of the extracellular matrix during the folding of epithelia, and in the formation, branching and expansion of epithelial tubes. TIMP-4 is most highly expressed in heart and low levels of TIMP-4 are expressed in liver, brain, lung, thymus and spleen.

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Note: This product is for in vitro research use only