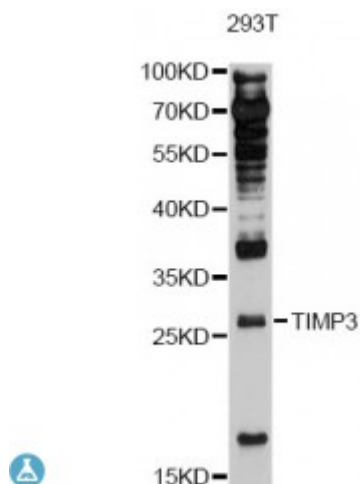


Anti-TIMP3 Antibody



Description

This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular 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.

Model	STJ113892
Host	Rabbit
Reactivity	Human, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of human TIMP3 (NP_000353.1).
Gene ID	7078
Gene Symbol	TIMP3
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Metalloproteinase inhibitor 3 Protein MIG-5 Tissue inhibitor of metalloproteinases 3 TIMP-3
Molecular Weight	24.145 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11822OMIM:136900Reactome:R-HSA-114608
Alternative Names	Metalloproteinase inhibitor 3 Protein MIG-5 Tissue inhibitor of metalloproteinases 3 TIMP-3
Function	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor, May form part of a tissue-specific acute response to remodeling stimuli, Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15
Cellular Localization	Secreted, extracellular space, extracellular matrix

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