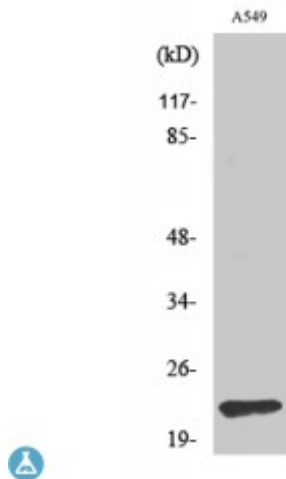


Anti-TIMP-2 antibody



Description	Rabbit polyclonal to TIMP-2.
Model	STJ96024
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human TIMP-2
Immunogen Region	40-120 aa, Internal
Gene ID	7077
Gene Symbol	TIMP2
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	TIMP-2 Polyclonal Antibody detects endogenous levels of TIMP-2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Metalloproteinase inhibitor 2 CSC-21K Tissue inhibitor of metalloproteinases 2 TIMP-2
Molecular Weight	30 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11821 OMIM:188825
Alternative Names	Metalloproteinase inhibitor 2 CSC-21K Tissue inhibitor of metalloproteinases 2 TIMP-2
Function	Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.
Cellular Localization	Secreted.
Post-translational Modifications	The activity of TIMP2 is dependent on the presence of disulfide bonds.

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