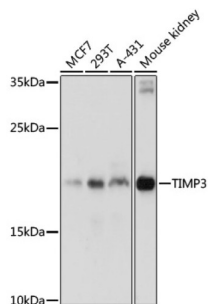


Metalloproteinase Inhibitor 3 (TIMP3) Antibody

Catalogue No.: abx001273



Western blot analysis of extracts of various cell lines using TIMP3 Antibody (1/1000 dilution).

TIMP3 Antibody is a Rabbit Polyclonal antibody against TIMP3. TIMPs are members of the family of tissue inhibitor of matrix metalloproteinases (MMPs) that includes TIMP1, TIMP2, TIMP3, and TIMP4. The main function of TIMPs is their inhibitory effect on MMPs. TIMPs irreversibly inactivate MMPs by direct binding to their catalytic zinc cofactor and resultant inhibition of proteinase function. In addition to MMP inhibition, TIMPs have also been shown to interact with various membrane receptors on the cell surface. Some of these interactions include: TIMP1 with CD63, TIMP2 with $\alpha 3 \beta 1$ integrin, and TIMP3 with VEGFR2, all of which result in distinct cellular effects. TIMPs are involved in a wide variety of biological functions, such as tumor angiogenesis and progression, wound healing, and vascular remodeling (6,7). Mutations in TIMP3 are associated with Sorsby's fundus dystrophy.

Target:	Metalloproteinase Inhibitor 3 (TIMP3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to human TIMP3
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 5.0.0
Revision date: 06 Mar 2025



UniProt Primary AC: P35625 ([UniProt](#), [ExPASy](#))

Gene Symbol: TIMP3

GeneID: [7078](#)

NCBI Accession: NP_000353.1

KEGG: hsa:7078

String: [9606.ENSP00000266085](#)

Molecular Weight: Calculated MW: 24 kDa
Observed MW: 20 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only