

Datasheet for ABIN1491040
anti-TIMP2 antibody (AA 178-193)



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2 Images

Overview

Quantity:	50 µg
Target:	TIMP2
Binding Specificity:	AA 178-193
Reactivity:	Human, Rat, Mouse, Cow, Rabbit, Guinea Pig, Dog, Pig, Monkey, Sheep, Hamster
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIMP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide (YRGAAPPKQEFLDIED) corresponding to amino acids 178-193 of human TIMP-2. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Hamster, Panda, Bovine, Dog, Rabbit, Pig, Opossum, Guinea pig (100%), Elephant, Bat, Chicken, Lizard, Xenopus (94%), Turkey, Salmon (88%), Medaka, Pufferfish, Zebrafish (81%). Type of Immunogen: Synthetic peptide
Isotype:	IgG1 kappa
Specificity:	Recognizes human TIMP-2. Species cross-reactivity: Mouse, rat, guinea pig, rabbit and bovine.

Product Details

Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Hamster, Panda, Bovine, Dog, Rabbit, Pig, Opossum, Guinea pig (100%) Elephant, Bat, Chicken, Lizard, Xenopus (94%) Turkey, Salmon (88%) Medaka, Pufferfish, Zebrafish (81%).
Purification:	Purified

Target Details

Target:	TIMP2
Alternative Name:	TIMP2 (TIMP2 Products)
Background:	Name/Gene ID: TIMP2 Synonyms: TIMP2, Metalloproteinase inhibitor 2, TIMP-2, CSC-21K
Gene ID:	7077
UniProt:	P16035
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-Fr, IHC-P (10 µg/mL), WB Usage: Suitable for use in Western Blot, ELISA and Immunohistochemistry. Immunohistochemistry: 5 µg/mL (PLP fixed tissue), 1 µg/mL (Frozen tissues).
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M PBS, pH 7.0, 2 % BSA (protease free).
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

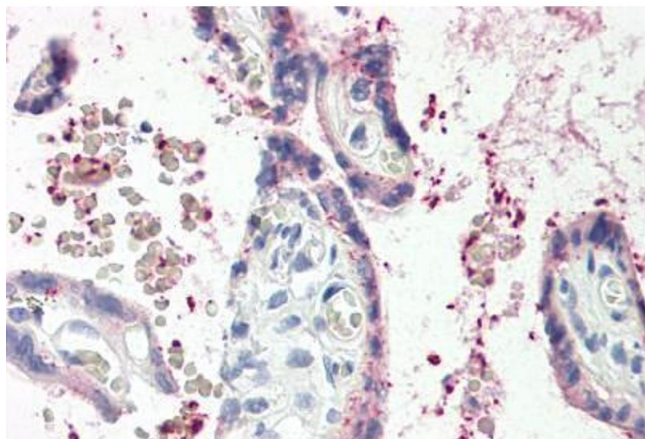
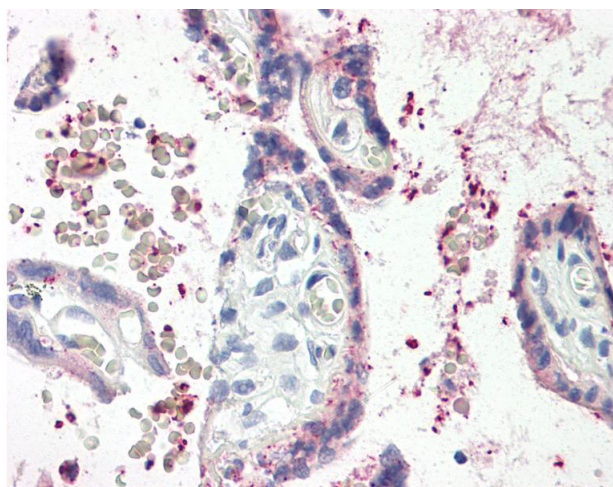


Image 1.



Immunohistochemistry

Image 2. Anti-TIMP-2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.