

Goat anti-TIMP1 (aa129-143) Antibody

Item Number	dAP-2505
Target Molecule	Principle Name: TIMP1 (aa129-143); Official Symbol: TIMP1; All Names and Symbols: TIMP1; TIMP metallopeptidase inhibitor 1; CLGI; EPA; EPO; FLJ90373; HCl; TIMP; OTTHUMP00000023216; TIMP-1; collagenase inhibitor; erythroid potentiating activity; erythroid-potentiating activity; fibroblast collagenase inhibitor; metalloproteinase inhibit; Accession Number (s): NP_003245.1; Human Gene ID(s): 7076; Non-Human GeneID(s): 116510 (rat)
Immunogen	NSLSLAQRRGFTKTY, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 24kDa band observed in Human Kidney and Liver lysates (calculated MW of 23.2kDa according to NP_003245.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Ahn HJ, Kim YS, Lee CH, Cho EW, Yoo HS, Kim SH, Ko JH, Kim SJ. Generation of antibodies recognizing an aberrant glycoform of human tissue inhibitor of metalloproteinase-1 (TIMP-1) using decoy immunization and phage display. Biotechnol. 2011 Jan 20;151(2):225-30..PMID: 21167221->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**