



Goat anti-BMP1 (aa284-296) Antibody

Item Number	dAP-3212
Target Molecule	Principle Name: BMP1 (aa284-296); Official Symbol: BMP1; All Names and Symbols: BMP1; bone morpho-genetic protein 1; OI13; PCOLC; PCP; PCP2; TLD; mammalian tolloid protein; procollagen C-endopeptidase; procollagen C-proteinase; Accession Number (s): NP_001190.1; NP_006120.1; Human Gene ID(s): 649; Non-Human GeneID(s): 12153 (mouse) 83470 (rat)
Immunogen	DTIVPKYEVNGVK, is from internal region This antibody is expected to recognize both reported isoforms (NP_001190.1; NP_006120.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 128000.
Western Blot	Western Blot: Approx 110kDa band observed in Human Heart and Human Kidney lysates and approx 100kDa band observed in Rat Heart lysates and in cell lysates of cell line NIH3T3 (calculated MW of 111kDa according to Human NP_006120.1, 97.7kDa according to M
IHC	
Reference	Reference(s): Wermter C, Höwel M, Hintze V, Bombosch B, Aufenvenne K, Yiallouris I, Stöcker W. The protease domain of procollagen C-proteinase (BMP1) lacks substrate selectivity, which is conferred by non-proteolytic domains. Biological chemistry 2007 May 388 (5): 513-21..PMID: 17516847->

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**