

Goat anti-BMP3 Antibody

Item Number	dAP-1413
Target Molecule	Principle Name: BMP3; Official Symbol: BMP3; All Names and Symbols: BMP3; bone morphogenetic protein 3 (osteogenic) ; BMP-3A; bone morphogenetic protein 3; bone morphogenetic protein-3; osteogenin; Accession Number (s): NP_001192.2; Human Gene ID(s): 651; Non-Human GeneID(s):
Immunogen	GHRNFPTGTV PKWDSH, is from internal region
Applications	Pep ELISA Species Tested:
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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 29kDa band in Human Bone Marrow lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 5
IHC	
Reference	Reference(s): Nacamuli RP, Fong KD, Lenton KA, Song HM, Fang TD, Salim A, Longaker MT. Expression and possible mechanisms of regulation of BMP3 in rat cranial sutures. Plast Reconstr Surg. 2005 Oct;116 (5):1353-62.. PMID: 16217479 ->

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**