

Goat anti-BMP5 Antibody

Item Number	dAP-1412
Target Molecule	Principle Name: BMP5; Official Symbol: BMP5; All Names and Symbols: BMP5; bone morphogenetic protein 5 ; MGC34244; Accession Number (s): NP_066551.1; Human Gene ID(s): 653; Non-Human GeneID (s):
Immunogen	YKDRSNNRFENET, 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 2000.
Western Blot	Western Blot: Preliminary experiments gave an approx 28kDa band in Human Heart, Prostate and Uterus 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 calcu
IHC	

Reference	Reference(s): Xu WP, Shiba H, Mizuno N, Uchida Y, Mouri Y, Kawaguchi H, Kurihara H. Effect of bone morphogenetic proteins-4, -5 and -6 on DNA synthesis and expression of bone-related proteins in cultured human periodontal ligament cells. Cell Biol Int. 2004;28(10):675-82..PMID: 15516325 ->
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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**