

Goat anti-BMPR1A Antibody

Item Number	dAP-0915
Target Molecule	Principle Name: BMPR1A; Official Symbol: BMPR1A; All Names and Symbols: BMPR1A; bone morphogenic protein receptor, type IA ; HGNC:1076; ACVRLK3; ALK3; activin A receptor, type II-like kinase 3; Accession Number (s): NP_004320.2; Human Gene ID(s): 657; Non-Human GeneID(s):
Immunogen	KSDSDQKKSEN, 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 60kDa band observed in lysates of cell lines HeLa and HepG2 (calculated MW of 60.2kDa according to NP_004320.2). Recommended concentration: 1-3µg/ml. An additional band of 20kDa was consistently observed, however this band was not b
IHC	
Reference	Reference(s): Keller S, Nickel J, Zhang JL, Sebald W, Mueller TD. Molecular recognition of BMP-2 and BMP receptor IA. <i>Nat Struct Mol Biol</i> . 2004 May;11(5):481-8. Epub 2004 Apr 4. PMID: 15064755 ->

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 end users! This product is sold for **Research Use Only**