

## Goat anti-BMPR2 Antibody

<b>Item Number</b>	dAP-3118
<b>Target Molecule</b>	Principle Name: BMPR2; Official Symbol: BMPR2; All Names and Symbols: BMPR2; bone morphogenetic protein receptor, type II (serine/threonine kinase); BMPR-II; BMPR3; BMR2; BRK-3; FLJ76945; PPH1; T-ALK; TRG10; bone morphogenetic protein receptor type II; primary pulmonary hypertension 1; serine/threonine kinase; transformatio; Accession Number (s): NP_001195.2; Human Gene ID(s): 659; Non-Human GeneID(s):
<b>Immunogen</b>	DLETNKLPKEVDK, is from internal
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 110kDa band observed in Human Liver lysates (calculated MW of 115kDa according to NP_001195.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Beppu H, Mwizerwa ON, Beppu Y, Dattwyler MP, Lauwers GY, Bloch KD, Goldstein AM Stromal inactivation of BMPRII leads to colorectal epithelial overgrowth and polyp formation Oncogene. 2008 Feb 14;27(8):1063-70. Epub 2007 Aug 13.PMID: 17700526->

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**