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Research Use Only. Not for diagnostic or therapeutic use.

EB08820 - Goat Anti-BMPR2 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: 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, transformation-related protein 10, type II activin receptor-like kinase
Official Symbol: BMPR2
Accession Number(s): NP_001195.2
Human GeneID(s): 659

Immunogen

Peptide with sequence C-DLETNKLDPKEVDK, from the internal of the protein sequence according to NP_001195.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx 110kDa band observed in Human Liver lysates (calculated MW of 115kDa according to NP_001195.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Specific Reference

This antibody has been successfully used in the following paper:
James W. Connell, Rachel J. Allison, Catherine E. Rodger, Guy Pearson, Eliska Zlamalova, Evan Reid
ESCRT-III-associated proteins and spastin inhibit protrudin-dependent polarised membrane traffic.
Cell Mol Life Sci. 2020 Jul;77(13):2641-2658.
PMID: 31587092

EB08820 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.