

Rabbit anti-Human, Mouse BMPR1B Polyclonal Antibody | anti-BMPR1B antibody

BMPR1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169923	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

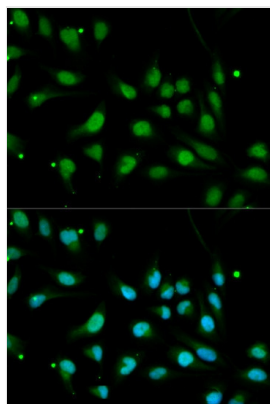
PRODUCT SYNONYMS

BMPR1B; Polyclonal Antibody; BMPR1B Antibody; ALK6; ALK-6; CDw293; anti-BMPR1B antibody

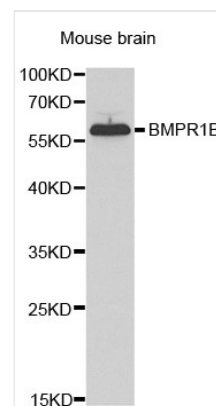
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	502
Applicable Applications for anti-BMPR1B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human BMPR1B
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5679 / sc-25455
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using BMPR1B antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of mouse brain cell lines, using BMPR1B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BMPR1B antibody	This gene encodes a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce their signals through the formation of heteromeric complexes of 2 different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. Mutations in this gene have been associated with primary pulmonary hypertension. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	377823731
NCBI GeneID	658
NCBI Accession #	NP_001243723.1
NCBI GenBank Nucleotide #	NM_001256794.1
Molecular Weight	60,582 Da
NCBI Official Full Name	bone morphogenetic protein receptor type-1B isoform b
NCBI Official Synonym Full Names	bone morphogenetic protein receptor, type IB
NCBI Official Symbol	BMPR1B
NCBI Official Synonym Symbols	ALK6; ALK-6; CDw293
NCBI Protein Information	bone morphogenetic protein receptor type-1B; BMP type-1B receptor; BMPR-1B; activin receptor-like kinase 6; serine/threonine receptor kinase
UniProt Protein Name	Bone morphogenetic protein receptor type-1B
UniProt Gene Name	BMPR1B
UniProt Synonym Gene Names	BMP type-1B receptor; BMPR-1B
UniProt Entry Name	BMR1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bmpr1b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/169923>