

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

BMPR1B Antibody (Center)

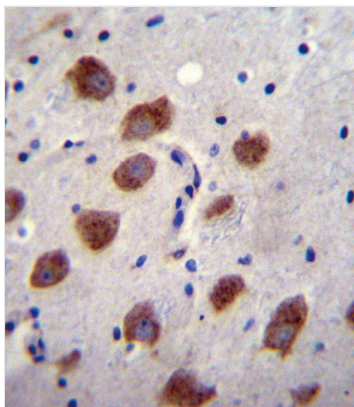
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289455	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

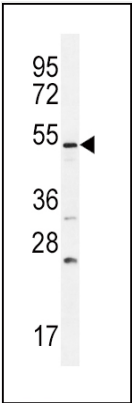
BMPR1B; Polyclonal Antibody; BMPR1B Antibody (Center); Bone morphogenetic protein receptor type-1B; BMP type-1B receptor; BMPR-1B; CDw293; anti-BMPR1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BMPR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-162 amino acids from the Central region of human BMPR1B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	134-162
Sequence Length	532
Applicable Applications for anti-BMPR1B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
BMPR1B Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of BMPR1B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
BMPR1B Antibody (Center) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the BMPR1B antibody detected the BMPR1B protein (arrow).

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.
Product Categories/Family for anti-BMPR1B antibody	Signal Transduction
References	Mick, E., et al. J Am Acad Child Adolesc Psychiatry 49(9):898-905(2010) Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Ma, Y., et al. J. Exp. Clin. Cancer Res. 29, 85 (2010) : Saetrom, P., et al. Cancer Res. 69(18):7459-7465(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502431
NCBI GeneID	658
NCBI Accession #	NP_001194.1; NP_001243721.1; NP_001243722.1; NP_001243723.1
NCBI GenBank Nucleotide #	NM_001203.2
UniProt Accession #	O00238; P78366; B2R953; B4DSV1
Molecular Weight	56930
NCBI Official Full Name	bone morphogenetic protein receptor type-1B isoform b
NCBI Official Synonym Full Names	bone morphogenetic protein receptor, type 1B

NCBI Official Symbol	BMPR1B
NCBI Official Synonym Symbols	ALK6; ALK-6; CDw293
NCBI Protein Information	bone morphogenetic protein receptor type-1B
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-immunohistochemistry-western-blot-elisa/289455>