

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

BMPR1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311933	Rabbit	Human, Mouse	Immunohistochemistry, Immunocytochemistry, Western Blot

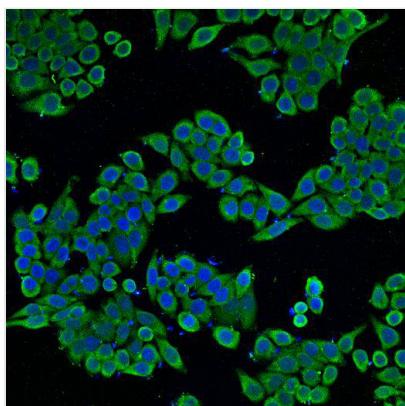
PRODUCT SYNONYMS

BMPR1B; Polyclonal Antibody; BMPR1B Antibody; Activin receptor like kinase 6 antibody; Acvrlk6 antibody; ALK 6 antibody; ALK6 antibody; alk6tr antibody; BMP type-1B receptor antibody; BMPR IB antibody; BMPR-1B antibody; Bmpr1b antibody; BMPR1B antibody; BMR1B_HUMAN antibody; Bone morphogenetic protein receptor type 1B antibody; Bone morphogenetic protein receptor type IB antibody; Bone morphogenetic protein receptor type-1B antibody; BR 1b antibody; BR1b antibody; CDw 293 antibody; CDw293 antibody; CDw293 antigen antibody; CFK 43a antibody; CFK43a antibody; Serine/threonine receptor kinase antibody; zALK 6 antibody; zALK6 antibody; anti-BMPR1B antibody

PRODUCT SPECIFICATIONS

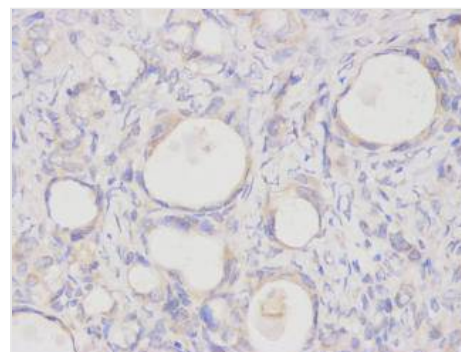
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-BMPR1B antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



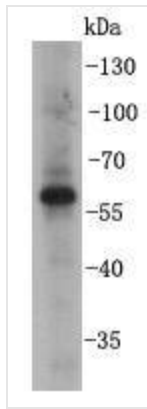
ICC (Immunocytochemistry)

ICC staining BMPR1B in HepG2 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS and counterstained with DAPI in order to highlight the nucleus (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human ovarian carcinoma tissue using anti- BMPR1B rabbit polyclonal antibody.



WB (Western Blot)
Western blot analysis on SHG-44 cell lysates using anti- BMPR1B rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-BMPR1B antibody	BMPR1B is 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. The BMPR1B receptor plays a role in the formation of middle and proximal phalanges. Mutations in this gene have been associated with primary pulmonary hypertension. In the chick embryo, it has been shown that BMPR1B is found in precartilaginous condensations.
Product Categories/Family for anti-BMPR1B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	377823731
NCBI GeneID	658
NCBI Accession #	NP_001243723.1
NCBI GenBank Nucleotide #	NM_001256794.1
UniProt Accession #	O00238; P78366; B2R953; B4DSV1
Molecular Weight	56,930 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; BMPR-1B; BMP type-1B receptor; 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.

