

Rabbit BMPR2 Polyclonal Antibody | anti-BMPR2 antibody

BMPR2 Polyclonal Antibody

CATALOG # AAA166481	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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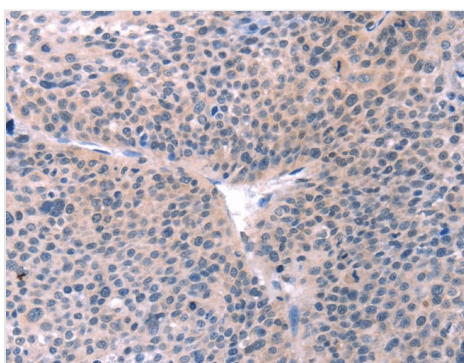
PRODUCT SYNONYMS

BMPR2; Polyclonal Antibody; BMPR2 Polyclonal Antibody; BMR2; PPH1; BMPR3; BRK-3; T-ALK; BMPR-II; anti-BMPR2 antibody

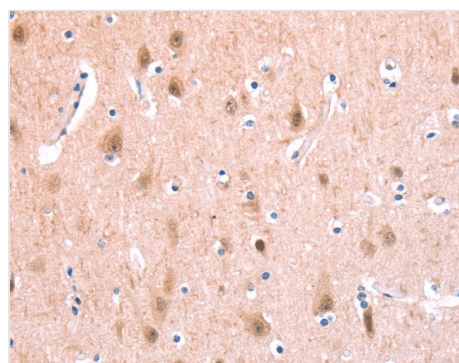
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.6mg/mL (varies by lot)
Sequence Length	1038
Applicable Applications for anti-BMPR2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human BMPR2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BMPR2 Polyclonal Antibody at dilution 1:35


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using BMPR2 Polyclonal Antibody at dilution 1:35

ADDITIONAL INFORMATION

Related Product Information for anti-BMPR2 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 two 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, both familial and fenfluramine-associated, and with pulmonary venoocclusive disease.
Product Categories/Family for anti-BMPR2 antibody	Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451916
NCBI GeneID	659
NCBI Accession #	NP_001195.2
NCBI GenBank Nucleotide #	NM_001204.6
Molecular Weight	59,963 Da
NCBI Official Full Name	bone morphogenetic protein receptor type-2
NCBI Official Synonym Full Names	bone morphogenetic protein receptor, type II (serine/threonine kinase)
NCBI Official Symbol	BMPR2
NCBI Official Synonym Symbols	BMR2; PPH1; BMPR3; BRK-3; POVD1; T-ALK; BMPR-II
NCBI Protein Information	bone morphogenetic protein receptor type-2; BMP type II receptor; BMP type-2 receptor; BMPR-2; bone morphogenetic protein receptor type II; type II activin receptor-like kinase; type II receptor for bone morphogenetic protein-4
UniProt Protein Name	Bone morphogenetic protein receptor type-2
UniProt Gene Name	BMPR2
UniProt Synonym Gene Names	PPH1; BMP type-2 receptor; BMPR-2; BMP type II receptor; BMPR-II
UniProt Entry Name	BMPR2_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://www.aaabiotech.com/polyclonal/bmpr2-antibody-immunohistochemistry-elisa/166481>