

A17858

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BMPR1B Rabbit pAb

Catalog No.: A17858

Basic Information

Observed MW

60kDa

Calculated MW

57kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

658

Swiss Prot

O00238

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human BMPR1B (NP_001194.1).

Synonyms

ALK6; AMD3; AMDD; BDA2; ALK-6; BDA1D; CDw293; BMPR1B

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data

