

A16232

Leader in Biomolecular Solutions for Life Science



BMPR2 Rabbit pAb

Catalog No.: A16232

Basic Information

Observed MW

115kDa

Calculated MW

115kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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 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. Mutations in this gene have been associated with primary pulmonary hypertension, both familial and fenfluramine-associated, and with pulmonary venoocclusive disease.

Recommended Dilutions

WB 1:200 - 1:1000

Immunogen Information

Gene ID

659

Swiss Prot

Q13873

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 739-1038 of human BMPR2 (NP_001195.2).

Synonyms

BMR2; PPH1; BMPR3; BRK-3; POVD1; T-ALK; BMPR-II; BMPR2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

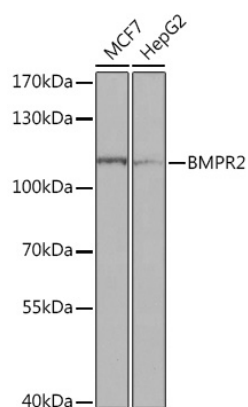
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using BMPR2 Rabbit pAb (A16232) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).