

BMPR2

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:200 - 1:1000 IHC 1:50 - 1:200

Calculated MW:115kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human BMPR2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

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

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 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.

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Catalog #:A5666

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:659

Isotype:IgG

Swiss Prot:Q13873

Purity:Affinity purification

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