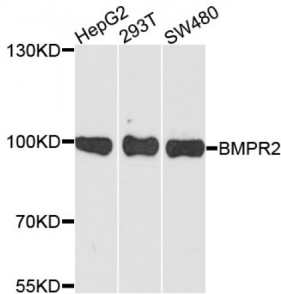


Bone Morphogenetic Protein Receptor 2 (BMPR2) Antibody

Catalogue No.: abx004334



Western blot analysis of extracts of various cell lines, using BMPR2 antibody (abx004334) at 1/1000 dilution.

BMPR2 Antibody is a Rabbit Polyclonal antibody against BMPR2. 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.

Target: BMPR2

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB

Recommended dilutions: WB: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human BMPR2.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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Molecular Weight: Calculated MW: 59 kDa/115 kDa
Observed MW: 100 kDa

Swiss Prot: [Q13873](#)

GeneID: [659](#)

Gene Symbol: BMPR2

Concentration: > 1 mg/ml

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

Note: This product is for research use only.