

## BMPR1A

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 60kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human BMPR1A

**Storage Buffer:**

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

**Synonym:**

ALK3; SKR5; CD292; ACVRLK3; 10q23del;

**Catalog #:** A1816

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 657

**Isotype:** IgG

**Swiss Prot:** P36894

**Purity:** Affinity purification

For research use only.

**Background:**

The bone morphogenetic protein (BMP) receptors are a family of transmembrane serine/threonine kinases that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. These receptors are also closely related to the activin receptors, ACVR1 and ACVR2. The ligands of these receptors are members of the TGF-beta superfamily. TGF-betas and activins transduce their signals through the formation of heteromeric complexes with 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.

**To place an order, please [Click HERE](#).**