

A1816

Leader in Biomolecular Solutions for Life Science



## BMPR1A Rabbit pAb

Catalog No.: A1816

2 Publications

### Basic Information

#### Observed MW

60kDa

#### Calculated MW

60kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

657

#### Swiss Prot

P36894

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-200 of human BMPR1A (NP\_004320.2).

#### Synonyms

ALK3; SKR5; ALK-3; CD292; ACVRLK3; BMPR-1A; 10q23del; BMPR1A

### Contact



[www.abclonal.com](http://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

