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**

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www.abclonal.com

# **Product Information**

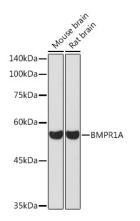
**Source** Rabbit **Isotype** IgG Purification

Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.



Western blot analysis of extracts of various cell lines, using BMPR1A Rabbit pAb (A1816) at 1:1000

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

Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.

Western blot analysis of extracts of various cell lines, using BMPR1A antibody (A1816) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

150 Lysates/proteins: 25µg per lane.

100 Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

