

## ACVR1B

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

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

**Calculated MW:**57kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human ACVR1B

**Storage Buffer:**

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

**Concentration:**

b

**Synonym:**

ALK4; SKR2; ACTRIB; ACVRLK4

**Catalog #:**A5453

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**91

**Isotype:**IgG

**Swiss Prot:**P36896

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes an activin A type IB receptor. Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I and two type II receptors. This protein is a type I receptor which is essential for signaling. Mutations in this gene are associated with pituitary tumors. Alternate splicing results in multiple transcript variants.

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