

# ACVR1B Polyclonal Antibody

Catalog Number: E-AB-60969



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

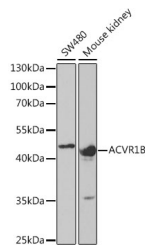
## Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Recombinant fusion protein of human ACVR1B (NP_004293.1).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
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## Data



Western blot analysis of extracts of various cell lines using ACVR1B Polyclonal Antibody at dilution of 1:1000.

**Observed MW: 49kDa**

**Calculated Mw: 51kDa/53kDa/54kDa/56kDa/61kDa**

## Preparation & Storage

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

## 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.

## For Research Use Only

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