

Datasheet for ABIN3029854

## anti-Activin A Receptor Type IB/ALK-4 antibody



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### 2 Images

#### Overview

Quantity:	0.4 mL
Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Activin A Receptor Type IB/ALK-4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Immunogen:	This ACVR1B antibody was produced from a mouse immunized with ACVR1B recombinant protein.
Clone:	179CT11-2-1
Isotype:	IgG1 kappa
Purification:	Purified

#### Target Details

Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Alternative Name:	ACVR1B ( <a href="#">ACVR1B Products</a> )
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

## Target Details

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.

UniProt: [P36896](#)

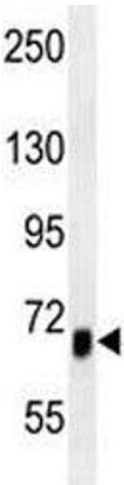
## Application Details

Application Notes:	Titration of the ACVR1B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:500
Restrictions:	For Research Use only

## Handling

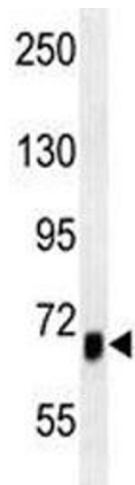
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ACVR1B antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



**Western Blotting**

**Image 1.** ACVR1B antibody western blot analysis in mouse heart tissue lysate



Western Blotting

**Image 2.** ACVR1B antibody western blot analysis in mouse heart tissue lysate