

Datasheet for ABIN6294305
anti-ACVR1 antibody (AA 132-162)



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Overview

Quantity:	400 µL
Target:	ACVR1 (ACRV1)
Binding Specificity:	AA 132-162
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACVR1 antibody is un-conjugated
Application:	Please inquire

Product Details

Purpose:	Rabbit Anti-Activin Receptor Type IA (ACVR1) (Center R147) Antibody
Immunogen:	This Activin Receptor Type IA (ACVR1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-162 amino acids from the Central region of human Activin Receptor Type IA (ACVR1).

Target Details

Target:	ACVR1 (ACRV1)
Alternative Name:	Activin Receptor Type IA (ACRV1 Products)
Background:	Target Description: 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

Target Details

include at least two type I (I and IB) and two type II (II and IIB) receptors. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling, and type II receptors are required for binding ligands and for expression of type I receptors. Type I and II receptors form a stable complex after ligand binding, resulting in phosphorylation of type I receptors by type II receptors. ACVR1 (activin A type I receptor) signals a particular transcriptional response in concert with activin type II receptors.

Gene Symbol: ACVR1

Gene ID:	90
UniProt:	Q04771

Application Details

Restrictions:	For Research Use only
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Handling

Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)