Datasheet for ABIN5539793

anti-ACVR1 antibody (Internal Region) (Biotin)

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Overview

Quantity:	100 µg
Target:	ACVR1 (ACRV1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ACVR1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	ACVR1, Biotinylated
Sequence:	RKFKRRNQER LNPRD.
Isotype:	IgG
Specificity:	Reported variants represent identical protein: NP_001096.1, NP_001104537.1
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ACVR1 (ACRV1)
Alternative Name:	ACVR1 (ACRV1 Products)
Background:	ACVR1, activin A receptor type 1, ACTRI, ACVR1A, ACVRLK2, ALK2, FOP, SKR1, TSRI, TGF-B superfamily receptor type I, activin A receptor type I, activin A receptor, type I, activin A receptor, type II-like kinase 2, activin receptor type I, activin receptor
Gene ID:	90, 11477, 79558
NCBI Accession:	NP_001096

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in Human Umbilical Cord lysates (calculated MW of 57.2 kDa according to NP_001096.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.