

Datasheet for ABIN238620

anti-ACVR1 antibody (Internal Region)



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1 Image

Overview

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

Product Details

Purpose:	ACVR1
Immunogen:	Peptide with sequence C-RKFKRRNQERLNPRD, from the internal region of the protein sequence according to NP_001096.1.
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 I, ACTRI, ACVRLK2, ALK2, FOP, SKR1, activin A receptor, type II-like kinase 2, activin A type I receptor, hydroxyalkyl-protein kinase
Gene ID:	90, 11477, 79558
NCBI Accession:	NP_001096

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Testis shows preferential staining of cytoplasm in primary spermatocytes.. Recommended concentration, 4-6 µg/mL. Western Blot: Approx 60 kDa band observed in Human Umbilical Cord lysates (calculated MW of 57.2 kDa according to NP_001096.1). Recommended concentration: 0.3-1 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.



Image 1. ABIN238620 (0.3µg/ml) staining of Human Umbilical Cord lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.