

Rabbit anti-Human ACVRL1 Polyclonal Antibody | anti-ACVRL1 antibody

ACVRL1 Antibody

CATALOG # AAA231219	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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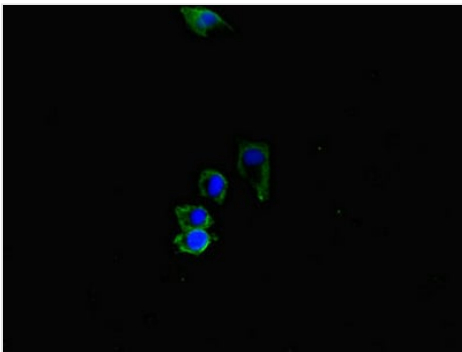
PRODUCT SYNONYMS

ACVRL1; Polyclonal Antibody; ACVRL1 Antibody; Serine/threonine-protein kinase receptor R3; Activin receptor-like kinase 1; ALK-1; TGF-B superfamily receptor type I; TSR-I; ACVRLK1; ALK1; anti-ACVRL1 antibody

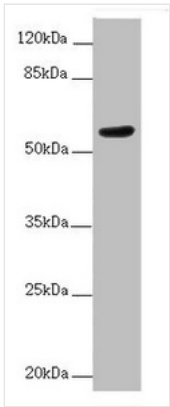
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	503
Applicable Applications for anti-ACVRL1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Serine/threonine-protein kinase receptor R3 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19547 / sc-19546 / sc-28976
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA231219 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western blotAll lanes :ACVRL1 antibody at 2 ug/ml+MCF7 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 56 kDaObserved band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACVRL1 antibody	Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116734712
NCBI GeneID	94
NCBI Accession #	NP_000011.2
NCBI GenBank Nucleotide #	NM_000020.2
UniProt Accession #	P37023; A6NGA8
Molecular Weight	56,124 Da
NCBI Official Full Name	serine/threonine-protein kinase receptor R3
NCBI Official Synonym Full Names	activin A receptor like type 1
NCBI Official Symbol	ACVRL1
NCBI Official Synonym Symbols	HHT; ALK1; HHT2; ORW2; SKR3; ALK-1; TSR-I; ACVRLK1
NCBI Protein Information	serine/threonine-protein kinase receptor R3
UniProt Protein Name	Serine/threonine-protein kinase receptor R3
UniProt Gene Name	ACVRL1
UniProt Synonym Gene Names	ACVRLK1; ALK1; SKR3; ALK-1; TSR-I
UniProt Entry Name	ACVL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.