



[Go to Product page](#)

Datasheet for ABIN7169164
anti-ACVRL1 antibody (AA 22-118)

2 Images

Overview

Quantity:	100 µg
Target:	ACVRL1
Binding Specificity:	AA 22-118
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACVRL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase receptor R3 protein (22-118AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ACVRL1
Alternative Name:	ACVRL1 (ACVRL1 Products)
Background:	Background: 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

Target Details

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.

Aliases: Activin A receptor antibody, Activin A receptor type II like 1 antibody, Activin A receptor, type II like kinase 1 antibody, Activin receptor like kinase 1 antibody, Activin receptor-like kinase 1 antibody, ACVL1_HUMAN antibody, ACVRL1 antibody, ACVRLK1 antibody, ALK-1 antibody, ALK1 antibody, HHT antibody, HHT2 antibody, ORW2 antibody, Osler Rendu Weber syndrome 2 antibody, Serine/threonine protein kinase receptor R3 antibody, Serine/threonine-protein kinase receptor R3 antibody, SKR3 antibody, TGF B superfamily receptor type I antibody, TGF-B superfamily receptor type I antibody, TSR-I antibody, TSR1 antibody

UniProt: [P37023](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

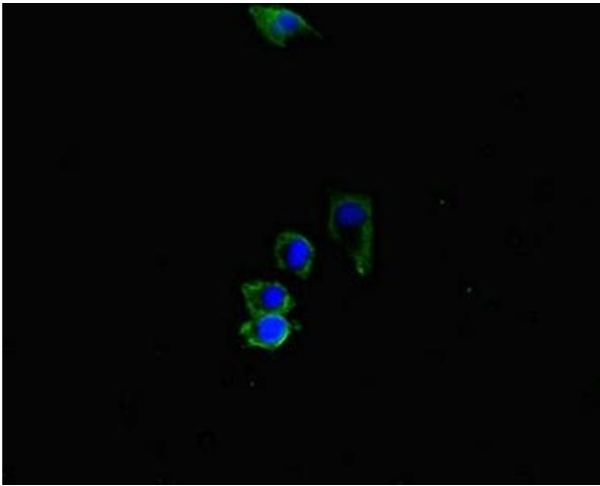
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

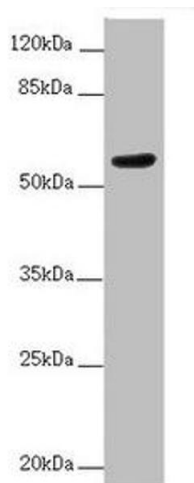
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7169164 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western blot All lanes: ACVRL1 antibody at 2 μ g/mL + MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 57 kDa Observed band size: 57 kDa