

ACVRL1 Polyclonal Antibody

Catalog NumberPA5-27477

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *1:500-1:3,000
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant fragment corresponding to a region within amino acids 311 and 503 of Human Activin A Receptor Type II-like 1		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

**Product specific information**

Recommended positive controls: NT2D1, IMR32, U87-MG, MCF-7. Predicted reactivity: Mouse (95%), Rat (96%), Bovine (95%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

**Background/Target Information**

Activin A receptor type II-like 1 (ACVRL1) is a type I cell-surface receptor for the TGF-beta superfamily of ligands. ACVRL1, similar to other type 1 receptors, has a conserved serine-threonine kinase subdomain, a glycine- and serine-rich region (called the GS domain) preceding the kinase domain, and a short C-terminal tail. Mutations in ACVRL1 are associated with hemorrhagic telangiectasia type 2. Mutations in ACVRL1 have been linked to Fibrodysplasia Ossificans Progressiva (FOP), a rare genetic disorder characterized by the formation of bone in muscles, tendons, and other connective tissues, as well as Epicanthus.

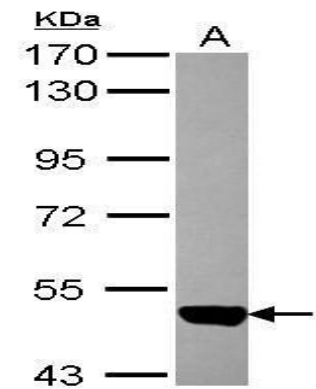
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Product Images For ACVRL1 Polyclonal Antibody



**ACVRL1 Antibody (PA5-27477) in WB**  
Western Blot using ACVRL1 Polyclonal Antibody (Product # PA5-27477). Sample (30 µg of whole cell lysate). Lane A: U87-MG. 7.5% SDS PAGE. ACVRL1 Polyclonal Antibody (Product # PA5-27477) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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