

For Research Use Only

ACVRL1 Recombinant antibody

Catalog Number: 84421-3-RR



Basic Information

Catalog Number: 84421-3-RR	GenBank Accession Number: BC042637	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 94	CloneNo.: 241686H2
Source: Rabbit	UNIPROT ID: P37023	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: activin A receptor type II-like 1	
	Calculated MW: 56 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HUVEC cells,
Species Specificity: human	

Background Information

ACVRL1 (ALK1) is a type I cell-surface receptor for the TGF-beta superfamily of ligands. It shares with other type I receptors a high degree of similarity in serine-threonine kinase subdomains, a glycine- and serine-rich region (called the GS domain) preceding the kinase domain, and a short C-terminal tail. ACVRL1 is highly expressed in endothelial cells and has a critical role in the control of blood vessel development and repair (PMID: 8640225). Mutations in the ACVRL1 gene are associated with hemorrhagic telangiectasia type 2.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

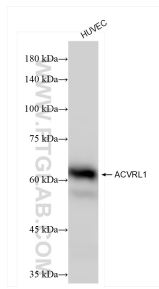
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Selected Validation Data



HUVEC cells were subjected to SDS PAGE followed by western blot with 84421-3-RR (ACVRL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.