DNAxPAb | Hard-to-Find Antibody

ACVRL1 DNAxPab

Catalog # H00000094-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACVRL1 DNA using DNAx™ Immune t echnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTLGSPRKGLLMLLMALVTQGDPVKPSRGPLVTCTCESPHCKGPTCRGAWCTVVLVREEGRHP QEHRGCGNLHRELCRGRPTEFVNHYCCDSHLCNHNVSLVLEATQPPSEQPGTDGQLALILGPVL ALLALVALGVLGLWHVRRRQEKQRGLHSELGESSLILKASEQGDSMLGDLLDSDCTTGSGSGLP FLVQRTVARQVALVECVGKGRYGEVWRGLWHGESVAVKIFSSRDEQSWFRETEIYNTVLLRHDNI LGFIASDMTSRNSSTQLWLITHYHEHGSLYDFLQRQTLEPHLALRLAVSAACGLAHLHVEIFGTQGK PAIAHRDFKSRNVLVKSNLQCCIADLGLAVMHSQGSDYLDIGNNPRVGTKRYMAPEVLDEQIRTD CFESYKWTDIWAFGLVLWEIARRTIVNGIVEDYRPPFYDVVPNDPSFEDMKKVVCVDQQTPTIPNR LAADPVLSGLAQMMRECWYPNPSARLTALRIKKTLQKISNSPEKPKVIQ
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (89)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ACVRL1

Entrez GeneID	94
GeneBank Accession#	NM_000020.2
Protein Accession#	NP_000011.2
Gene Name	ACVRL1
Gene Alias	ACVRLK1, ALK-1, ALK1, HHT, HHT2, ORW2, SKR3, TSR-I
Gene Description	activin A receptor type II-like 1
Omim ID	600376 601284
Gene Ontology	Hyperlink
Gene Summary	This gene encodes 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. The encoded protein, sometimes termed ALK1, shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins that form a subfamily of receptor serine/threonine kinases. Mutations in this gene are associated with hemorrhagic telangiectasia type 2, also known as Rendu-Osler-Weber syndrome 2. [provided by RefSeq
Other Designations	TGF-B superfamily receptor type I|activin A receptor, type II-like kinase 1|serine/threonine-protein kinase receptor R3

Pathway

- Cytokine-cytokine receptor interaction
- TGF-beta signaling pathway

Disease

- Anemia
- Arteriovenous Malformations
- Asthma
- Cardiovascular Diseases
- Central Nervous System Vascular Malformations
- Chromosome Aberrations
- Diabetes Mellitus
- Edema
- Epistaxis
- Genetic Predisposition to Disease
- Heart Diseases
- Hyperparathyroidism
- Hyperplasia
- Hypertension
- Intracranial Aneurysm
- Intracranial Arteriovenous Malformations
- Liver Cirrhosis
- Liver Diseases
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Telangiectasia
- Thrombophilia

- Tobacco Use Disorder