

Rabbit ACVRL1 Polyclonal Antibody | anti-ACVRL1 antibody

ACVRL1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286305	Rabbit	Human (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

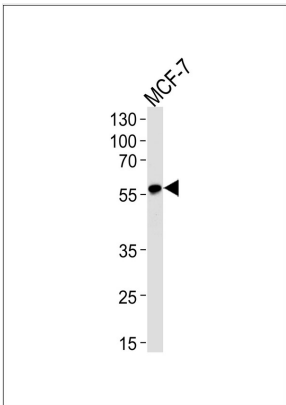
PRODUCT SYNONYMS

ACVRL1; Polyclonal Antibody; ACVRL1 Antibody (N-term); Serine/threonine-protein kinase receptor R3; SKR3; Activin receptor-like kinase 1; ALK-1; TGF- β superfamily receptor type I; TSR-I; ACVRLK1; ALK1; anti-ACVRL1 antibody

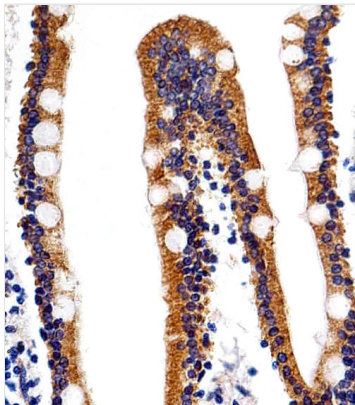
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACVRL1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 11-44amino acids from the N-terminal region of human ACVRL1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	503
Applicable Applications for anti-ACVRL1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysate from MCF-7 cell line, using ACVRL1 Antibody (N-term). AAA286305 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded H. small intestine section using ACVRL1 Antibody (N-term). AAA286305 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

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.
Product Categories/Family for anti-ACVRL1 antibody	Crown Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	ten Dijke P.,et al.Oncogene 8:2879-2887(1993). Attisano L.,et al.Cell 75:671-680(1993). Berg J.N.,et al.Am. J. Hum. Genet. 61:60-67(1997). Scherer S.E.,et al.Nature 440:346-351(2006). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

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	56124
NCBI Official Full Name	serine/threonine-protein kinase receptor R3
NCBI Official Synonym Full Names	activin A receptor type II-like 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acvrl1-antibody-immunohistochemistry-western-blot-elisa/286305>