

Rabbit anti-Human ALK1 Polyclonal Antibody | anti-ALK1 antibody

Polyclonal Antibody to ALK1

CATALOG # AAA78293	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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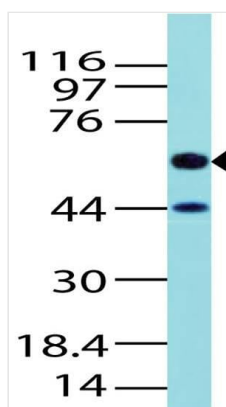
PRODUCT SYNONYMS

ALK1; Polyclonal Antibody; Polyclonal Antibody to ALK1; ACVRL1; ACVRLK1; Activin receptor-like kinase 1; TSR-I; TGF-B superfamily receptor type I; Antibody to ALK1; Anti-ALK1 Antibody; ALK1 Antibody; anti-ALK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified Protein A Chromatography
Form/Format	25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	503
Applicable Applications for anti-ALK1 antibody	WB (Western Blot)
Immunogen Information	A partial length recombinant ALK-1 protein (amino acids 326-503) was used as the immunogen for this antibody
Antigen	ALK1
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Fig-1: Western blot analysis of ALK1. Anti-ALK1 antibody (11-7528) was used at 4 ug/ml on Jurkat lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ALK1 antibody	ALK-1 or Activin receptor-like kinase-1 is a type I cell surface receptor for the TGF-beta (transforming growth factor-beta) super family of proteins. It is expressed predominantly in endothelial cells with moderate expression in smooth muscle cells, myofibroblast, hepatic stellate cells, chondrocytes, monocytes, myoblasts, macrophages and fibroblasts. ALK-1 plays a pivotal role in vascular remodelling and angiogenesis. More specifically its key function is in arterial/venous differentiation during embryonic vascular development. Mutations in ALK-1 gene (12q11-14) causes HHT2 (Hereditary Haemorrhagic Telangiectasia type 2), an autosomal dominant multisystem vascular dysplasia caused by a haploinsufficiency mechanism.
Product Categories/Family for anti-ALK1 antibody	Antibodies; Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	3915750
NCBI GeneID	94
UniProt Accession #	P37023; A6NGA8
Molecular Weight	56,124 Da
NCBI Official Full Name	Serine/threonine-protein kinase receptor R3
NCBI Official Synonym Full Names	activin A receptor like type 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

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/alk1-antibody-western-blot-elisa/78293>