

Rabbit ALK1 Polyclonal Antibody | anti-ACVRL1 antibody

Anti-ALK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104751	Rabbit	Human, Mouse, Rat, Bovine, Dog, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

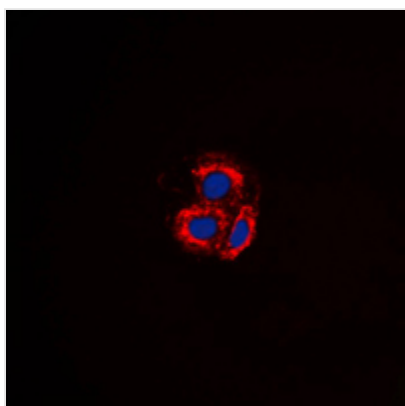
PRODUCT SYNONYMS

ALK1; Polyclonal Antibody; Anti-ALK1 Antibody; ACVRLK1; Serine/threonine-protein kinase receptor R3; SKR3; Activin receptor-like kinase 1; ALK-1; TGF-B superfamily receptor type I; TSR-I; anti-ACVRL1 antibody

PRODUCT SPECIFICATIONS

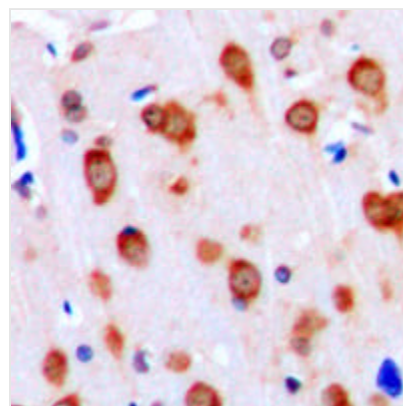
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ALK1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	503
Applicable Applications for anti-ACVRL1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ALK1. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



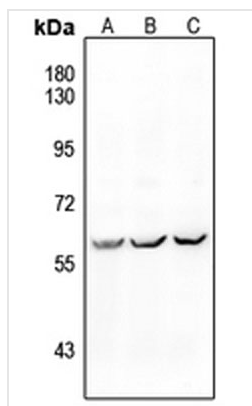
IF (Immunofluorescence)

Immunofluorescent analysis of ALK1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of ALK1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ALK1 expression in MCF7 (A), H1792 (B), A549 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ACVRL1 antibody

Rabbit polyclonal antibody to ALK1

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
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; TGF-B superfamily receptor type I; activin A receptor, type II-like kinase 1
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/alk1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104751>