

Rabbit VLK Polyclonal Antibody | anti-Pkdcc antibody

VLK Antibody

CATALOG # AAA39218	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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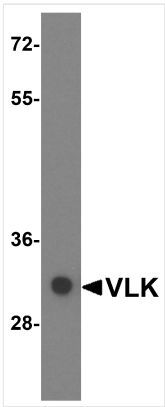
PRODUCT SYNONYMS

VLK; Polyclonal Antibody; VLK Antibody; Vlk; MAD1; Adtk1; ESTM17; Sgk493; X83346; AI115348; AW548124; Protein kinase domain-containing protein; cytoplasmic; Protein kinase-like protein Sgk493; protein kinase domain containing; anti-Pkdcc antibody

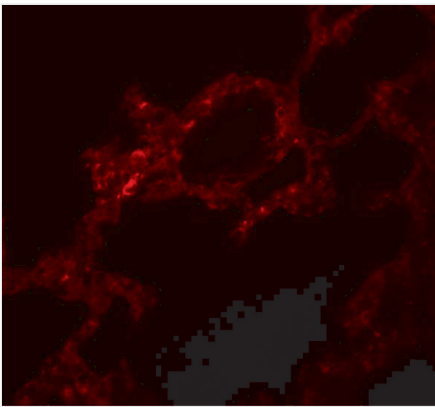
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	VLK Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	492
Applicable Applications for anti-Pkdcc antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	VLK antibody was raised against a 15 amino acid synthetic peptide from near the center of human VLK.
Buffer	VLK Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	VLK antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

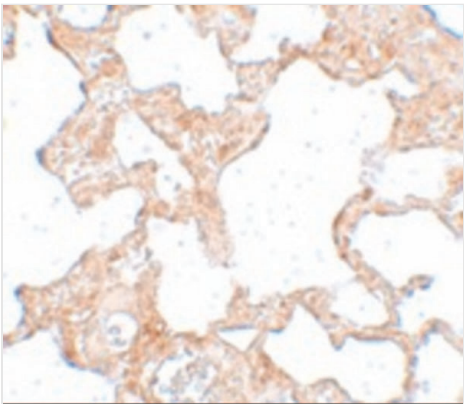
IMAGES



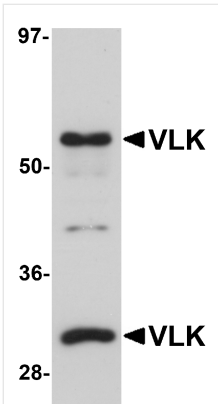
WB (Western Blot)
Western blot analysis of VLK expression in Jurkat cell lysate with VLK antibody at 0.5 μg/mL.



IF (Immunofluorescence)
Immunofluorescence of VLK in rat lung tissue with VLK antibody at 5 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of VLK in rat lung tissue with VLK antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of VLK in human lung tissue lysate with VLK antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Pkdcc antibody	VLK Antibody: VLK was identified as a novel protein kinase that was induced after the differentiation of cultured embryonic stem cells into mesendoderm. It has no homologs in invertebrates, but is highly conserved in vertebrate species although it does not belong to any known protein kinase groups. VLK is initially expressed in E-cadherin-positive anterior visceral endoderm and mesendoderm, but its expression is later confined to E-cadherin-negative mesenchyme. It is enriched in the Golgi apparatus and is thought to regulate the rate of protein export from the Golgi. Targeted disruption of VLK in mice leads to a defect in lung development and neonatal lethality. It has been suggested that mutations in VLK may be associated with the allergic condition atopy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	238636897
NCBI GeneID	106522
UniProt Accession #	Q5RJI4; Q3UZD3; Q8VBZ6; B6F136
Molecular Weight	48,988 Da
NCBI Official Full Name	vertebrate lonesome kinase
NCBI Official Synonym Full Names	protein kinase domain containing, cytoplasmic
NCBI Official Symbol	Pkdcc
NCBI Official Synonym Symbols	Vlk; MAD1; Adtk1; ESTM17; Sgk493; X83346; AI115348; AW548124

NCBI Protein Information	extracellular tyrosine-protein kinase PKDCC; sugen kinase 493; vertebrate lonesome kinase; protein kinase-like protein SgK493; protein kinase domain-containing protein, cytoplasmic
UniProt Protein Name	Extracellular tyrosine-protein kinase PKDCC
UniProt Gene Name	Pkdcc
UniProt Entry Name	PKDCC_MOUSE

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/vlk-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39218>