

Rabbit anti-Human ALPK1 Polyclonal Antibody | anti-ALPK1 antibody

Anti-ALPK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262920	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

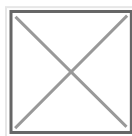
PRODUCT SYNONYMS

ALPK1; Polyclonal Antibody; Anti-ALPK1 Antibody; KIAA1527; LAK; Alpha-protein kinase 1; Chromosome 4 kinase; Lymphocyte alpha-protein kinase; anti-ALPK1 antibody

PRODUCT SPECIFICATIONS

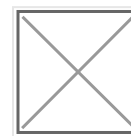
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ALPK1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1244
Applicable Applications for anti-ALPK1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ALPK1. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ALPK1 staining in HepG2 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 ALPK1 staining in human breast cancer 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 ALPK1 expression in HEK293T (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ALPK1 antibody	Rabbit polyclonal antibody to ALPK1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156151443
NCBI GeneID	80216
NCBI Accession #	NP_001095876.1
NCBI GenBank Nucleotide #	NM_001102406.1
UniProt Accession #	Q96QP1; Q68CI9; Q6P9F9; Q6ZNK4; Q9P201; B4E3G1; F5H138
NCBI Official Full Name	alpha-protein kinase 1 isoform 1
NCBI Official Synonym Full Names	alpha kinase 1
NCBI Official Symbol	ALPK1
NCBI Official Synonym Symbols	LAK; 8430410J10Rik
NCBI Protein Information	alpha-protein kinase 1
UniProt Protein Name	Alpha-protein kinase 1
UniProt Gene Name	ALPK1
UniProt Synonym Gene Names	KIAA1527; LAK
UniProt Entry Name	ALPK1_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.