

Rabbit anti-Human, Mouse LTK Polyclonal Antibody | anti-LTK antibody

LTK Antibody

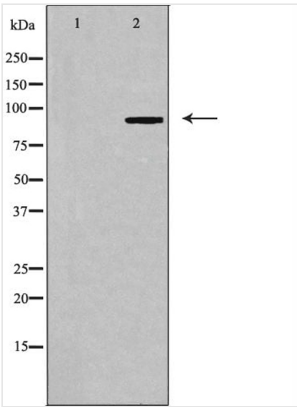
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323853	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

LTK; Polyclonal Antibody; LTK Antibody; Leukocyte receptor tyrosine kinase; Leukocyte tyrosine kinase; Leukocyte tyrosine kinase receptor; Ltk; LTK_HUMAN; Protein tyrosine kinase 1; TYK 1; TYK1; anti-LTK antibody

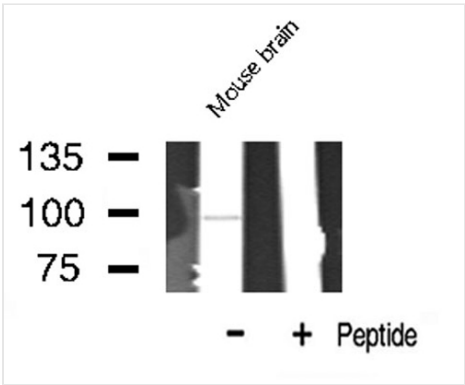
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	LTK antibody detects endogenous levels of total LTK
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	734
Applicable Applications for anti-LTK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed in non-hematopoietic cell lines and T-and B-cell lines.
Predicted Cross Reactivity	Rabbit
Similarity	Rabbit (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



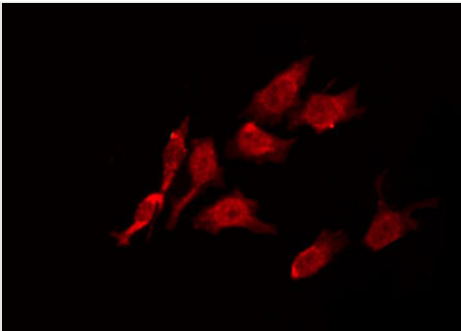
WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using LTK antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of LTK expression in Mouse Brain lysate



IF (Immunofluorescence)

AAA323853 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LTK antibody

Function: Receptor with a tyrosine-protein kinase activity. The exact function of this protein is not known. Studies with chimeric proteins (replacing its extracellular region with that of several known growth factor receptors, such as EGFR and CSFIR) demonstrate its ability to promote growth and specifically neurite outgrowth, and cell survival. Signaling appears to involve the PI3 kinase pathway. Involved in regulation of the secretory pathway involving endoplasmic reticulum (ER) export sites (ERESs) and ER to Golgi transport.

Subunit Structure: Homodimer when bound to ligand (Probable). Part of a complex including LTK, TNK2 and GRB2, in which GRB2 promotes LTK recruitment by TNK2.

Similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	208879423
NCBI GeneID	4058
NCBI Accession #	NP_001129157.1
NCBI GenBank Nucleotide #	NM_001135685.1
UniProt Accession #	P29376; A6NNJ8; B4DL89; E9PFX4
Molecular Weight	Observed: 92 kD Predicted: 92 kDa

NCBI Official Full Name	leukocyte tyrosine kinase receptor isoform 3
NCBI Official Synonym Full Names	leukocyte receptor tyrosine kinase
NCBI Official Symbol	LTK
NCBI Official Synonym Symbols	TYK1
NCBI Protein Information	leukocyte tyrosine kinase receptor
UniProt Protein Name	Leukocyte tyrosine kinase receptor
UniProt Gene Name	LTK
UniProt Synonym Gene Names	TYK1

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/ltk-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323853>