

Rabbit LCK-Y394 Antibody | anti-LCK antibody

Phospho-LCK-Y394 Polyclonal Antibody

CATALOG # AAA37349	HOST Rabbit	APPLICATIONS Western Blot
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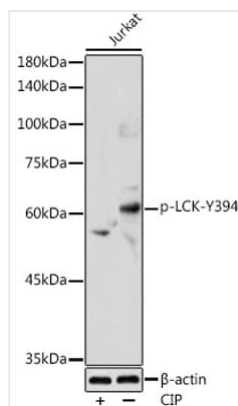
PRODUCT SYNONYMS

LCK-Y394; Phospho-LCK-Y394 Polyclonal Antibody; LCK; IMD22; LSK; YT16; p56lck; pp58lck; anti-LCK antibody

PRODUCT SPECIFICATIONS

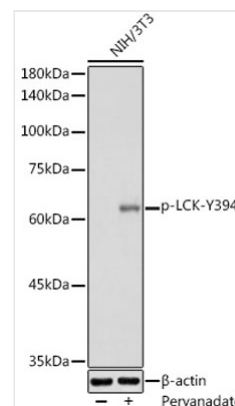
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	509
Applicable Applications for anti-LCK antibody	WB (Western Blot)
Species	Human
Immunogen	A phospho specific peptide corresponding to residues surrounding Y394 of human LCK
Species Reactivity/Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at -20 degree C . Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Jurkat cells, using Phospho-LCK-Y394 antibody (AAA37349) at 1:1000 dilution. Jurkat cells were treated by CIP(20uL/400ul) at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using Phospho-LCK-Y394 antibody (AAA37349) at 1:1000 dilution. NIH/3T3 cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes after serumstarvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-LCK antibody	This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein is a key signaling molecule in the selection and maturation of developing T-cells. It contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules. Multiple alternatively spliced variants, encoding the same protein, have been described.
Product Categories/Family for anti-LCK antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	125474
NCBI GeneID	3932
UniProt Accession #	P06239; P07100; Q12850; Q13152; Q5TDH8; Q5TDH9; Q7RTZ3; Q96DW4; Q9NYT8; D3DPP8
Molecular Weight	Calculated Molecular Weight: 40kDa/58kDa/61kDa Observed Molecular Weight: 60kDa
NCBI Official Full Name	Tyrosine-protein kinase Lck
NCBI Official Synonym Full Names	LCK proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	LCK
NCBI Official Synonym Symbols	LSK; YT16; IMD22; p56lck; pp58lck
NCBI Protein Information	tyrosine-protein kinase Lck; leukocyte C-terminal Src kinase; p56(LSTRA) protein-tyrosine kinase; t cell-specific protein-tyrosine kinase; proto-oncogene tyrosine-protein kinase LCK; lymphocyte-specific protein tyrosine kinase; lymphocyte cell-specific protein-tyrosine kinase; T-lymphocyte specific protein tyrosine kinase p56lck
UniProt Protein Name	Tyrosine-protein kinase Lck
UniProt Gene Name	LCK
UniProt Synonym Gene Names	LSK
UniProt Entry Name	LCK_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.