

Lck Polyclonal Antibody | anti-LCK antibody

Anti-Lck Antibody

CATALOG # AAA46497	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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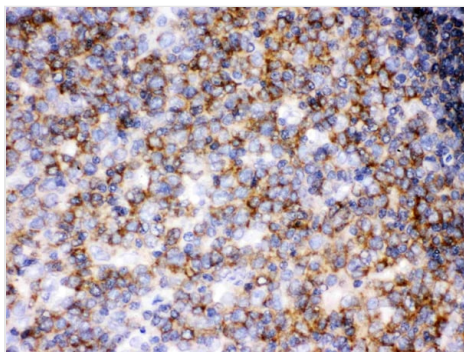
PRODUCT SYNONYMS

Lck; Polyclonal Antibody; Anti-Lck Antibody; Tyrosine-protein kinase Lck; IMD22; LCK; Lck p56; LCK proto-oncogene; Src family tyrosine kinase; LCK_HUMAN; Leukocyte C-terminal Src kinase; LSK; Lymphocyte cell specific protein tyrosine kinase; Lymphocyte cell-specific protein-tyrosine kinase; Lymphocyte specific protein tyrosine kinase; Membrane associated protein tyrosine kinase; Oncogene lck; P56 LCK; p56(LSTRA) protein tyrosine kinase; p56-LCK; p56lck; pp58 lck; pp58lck; Protein YT16; Proto oncogene tyrosine protein kinase LCK; Proto-oncogene Lck; Protooncogene tyrosine protein kinase LCK; T cell specific protein tyrosine kinase; T cell-specific protein-tyrosine kinase; T lymphocyte specific protein tyrosine kinase p56lck; YT 16; YT16; anti-LCK antibody

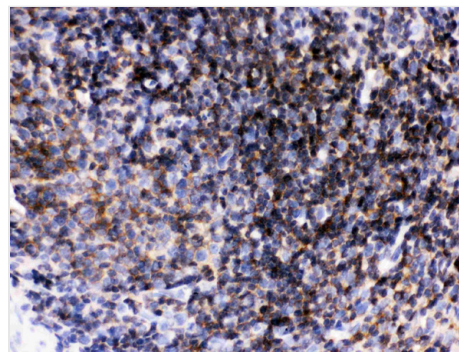
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	509
Applicable Applications for anti-LCK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Lck (468-506aa ELYQLMRLCWKERPEDRPTFDYLRVLEDDFTATEGQYQ), different from the related mouse and rat sequences by three amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

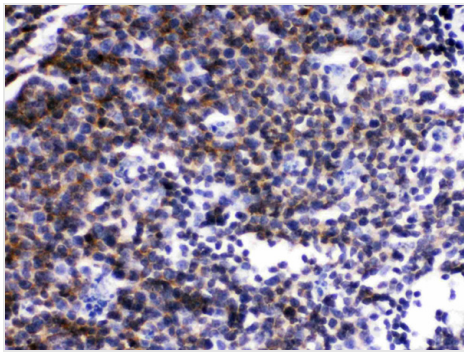
IMAGES



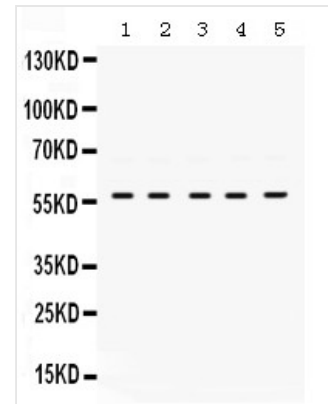
IHC (Immunohistochemistry)
Anti- Lck Picoband antibody, AAA46497, IHC(P)IHC(P): Human Tonsil Tissue



IHC (Immunohistochemistry)
Anti- Lck Picoband antibody, AAA46497, IHC(P)IHC(P): Rat Lymphaden Tissue



IHC (Immunohistochemistry)
Anti- Lck Picoband antibody, AAA46497, IHC(P)IHC(P): Mouse Lymphaden Tissue



WB (Western Blot)
Anti- Lck Picoband antibody, AAA46497, Western blottingAll lanes: Anti Lck (AAA46497) at 0.5ug/mlLane 1: HUT Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at 40ugLane 3: RAJI Whole Cell Lysate at 40ugLane 4: CEM Whole Cell Lysate at 40ugLane 5: K562 Whole Cell Lysate at 40ugPredicted bind size: 58KDObserved bind size: 58KD

ADDITIONAL INFORMATION

Related Product Information for anti-LCK antibody	Description: Rabbit IgG polyclonal antibody for Tyrosine-protein kinase Lck(LCK) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Lck (or lymphocyte-specific protein tyrosine kinase) is a 56 kDa protein that is found inside specialized cells of the immune system called lymphocytes. The human LCK gene is mapped to chromosome 1p35-p32. 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.
References	1. Anderson, S. J., Levin, S. D., Perlmutter, R. M. Protein tyrosine kinase p56(lck) controls allelic exclusion of T-cell receptor beta-chain genes. <i>Nature</i> 365: 552-554, 1993. 2. Burnett, R. C., David, J.-C., Harden, A. M., Le Beau, M. M., Rowley, J. D., Diaz, M. O. The LCK gene is involved in the t(1;7)(p34;q34) in the T-cell acute lymphoblastic leukemia derived cell line, HSB-2. <i>Genes Chromosomes Cancer</i> 3: 461-467, 1991. 3. Marth, J. D., Disteche, C., Pravtcheva, D., Ruddle, F., Krebs, E. G., Perlmutter, R. M. Localization of a lymphocyte-specific protein tyrosine kinase gene (lck) at a site of frequent chromosomal abnormalities in human lymphomas. <i>Proc. Nat. Acad. Sci.</i> 83: 7400-7404, 1986.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112789548
NCBI GeneID	3932
NCBI Accession #	NP_001036236.1
NCBI GenBank Nucleotide #	NM_001042771.2
UniProt Accession #	P06239 ; P07100 ; Q12850 ; Q13152 ; Q5TDH8 ; Q5TDH9 ; Q7RTZ3 ; Q96DW4 ; Q9NYT8 ; D3DPP8
Molecular Weight	61,190 Da
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lck-antibody-immunohistochemistry-western-blot-elisa/46497>