antibodies - online.com







anti-LCK antibody (C-Term)



Images



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Overview		
Quantity:	100 μg	
Target:	LCK	
Binding Specificity:	AA 468-506, C-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Purpose:	Rabbit IgG polyclonal antibody for Tyrosine-protein kinase Lck(LCK) detection. Tested with WB, IHC-P in Human,Mouse,Rat.	
lmmunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Lck (468-506aa ELYQLMRLCWKERPEDRPTFDYLRSVLEDFFTATEGQYQ), different from the related mouse and rat sequences by three amino acids.	
Sequence:	ELYQLMRLCW KERPEDRPTF DYLRSVLEDF FTATEGQYQ	
Isotype:	IgG	
Cross-Reactivity (Details):	No cross reactivity with other proteins.	
Characteristics:	Rabbit IgG polyclonal antibody for Tyrosine-protein kinase Lck(LCK) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Gene Name: LCK proto-oncogene, Src family tyrosine kinase Protein Name: Tyrosine-protein kinase Lck	

Product Details

Purification:

Immunogen affinity purified.

Target Details

Target:

LCK

Alternative Name:

LCK (LCK Products)

Background:

Lck (or lymphocyte-specific protein tyrosine kinase) is a 56 kDa protein that is found inside specializedcells 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 palmitylation, 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.

Synonyms: IMD22 antibody|LCK antibody|Lck p56 antibody|LCK proto-oncogene, Src family tyrosine kinase antibody|LCK_HUMAN antibody|Leukocyte C-terminal Src kinase antibody|LSK antibody|Lymphocyte cell specific protein tyrosine kinase antibody|Lymphocyte cell-specific protein-tyrosine kinase antibody|Lymphocyte specific protein tyrosine kinase antibody|Membrane associated protein tyrosine kinase antibody| Oncogene lck antibody|P56 LCK antibody|p56(LSTRA) protein tyrosine kinase antibody|p56-LCK antibody|p56lck antibody|pp58 lck antibody| pp58lck antibody|Protein YT16 antibody|Proto oncogene tyrosine protein kinase LCK antibody|Proto-oncogene Lck antibody|Protooncogene tyrosine protein kinase LCK antibody|T cell specific protein tyrosine kinase antibody|T cell-specific protein tyrosine kinase p56lck antibody|Tyrosine-protein kinase Lck antibody|T16 antibody|T16 antibody

Gene ID:

3932

UniProt:

P06239

Pathways:

TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor Signaling

Application Details

Application Details	Application Details		
Application Notes:	WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human		
	IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by		
	Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the		
	staining of formalin/paraffin sections.		
	Notes: Tested Species: Species with positive results. Other applications have not been tested.		
	Optimal dilutions should be determined by end users.		
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by		
	ABIN921231 in IHC(P).		
Restrictions:	For Research Use only		
Handling			
Format:	Lyophilized		
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.		
Concentration:	500 μg/mL		
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.		

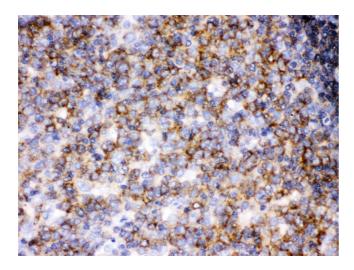
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

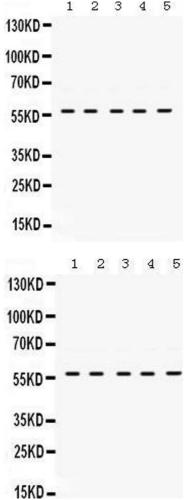
Storage Comment: At -20°C for one year. After reconstitution, at 4°C for one month.

It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.



Immunohistochemistry

Image 1. Anti- Lck Picoband antibody, IHC(P): Human Tonsil Tissue



Western Blotting

Image 2. Anti- Lck Picoband antibody, Western blottingAll lanes: Anti Lck at 0.5ug/ml Lane 1: HUT Whole Cell Lysate at 40ug Lane 2: JURKAT Whole Cell Lysate at 40ug Lane 3: RAJI Whole Cell Lysate at 40ug Lane 4: CEM Whole Cell Lysate at 40ug Lane 5: K562 Whole Cell Lysate at 40ug Predicted bind size: 58KD Observed bind size: 58KD

Western Blotting

Image 3.

Please check the product details page for more images. Overall 5 images are available for ABIN3043870.