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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54525_P050-Biotin
Product Page	www.avivasysbio.com/lck-antibody-n-terminal-region-biotin-arp54525-p050-biotin.html
Name	LCK Antibody - N-terminal region : Biotin (ARP54525_P050-Biotin)
Protein Size (# AA)	509 amino acids
Molecular Weight	58kDa
Conjugation	Biotin
NCBI Gene Id	3932
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Lymphocyte-specific protein tyrosine kinase
Alias Symbols	LSK, YT16, IMD22, p56lck, pp58lck
Peptide Sequence	Synthetic peptide located within the following region: PSHDGDLGFEKGEQLRILEQSGEWWKAQSLTTGQEGFIPNFVAKANSLE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Merino,E., (2008) J. Immunol. 180 (9), 5805-5815
Description of Target	LCK is a member of the Src family of protein tyrosine kinases (PTKs). It 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. LCK localizes to the plasma membrane and pericentrosomal vesicles, and binds to cell surface receptors, including CD4 and CD8, and other signaling molecules. 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.
Protein Interactions	LZTS2; CDKAL1; BAG6; UBC; WASL; WAS; env; SMAD3; SMAD2; MAPK1; HSP90AA1; Mbp; HAVCR2; PTPN22; G3BP1; nef; LAT; KHDRBS1; ADAM15; ZAP70; PAK2; LCK; CBL; SOCS3; SOCS2; SOCS1; IL2RB; CISH; YWHAQ; AJUBA; CD5; CBLB; SKAP1; SYK; SOS1; CD38; CD247; CD3E; FAM174A;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-LCK (ARP54525_P050-Biotin) antibody
Blocking Peptide	For anti-LCK (ARP54525_P050-Biotin) antibody is Catalog # AAP54525 (Previous Catalog # AAPP31309)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LCK
Uniprot ID	P06239
Protein Name	Tyrosine-protein kinase Lck
Protein Accession #	NP_001036236
Purification	Affinity Purified
Nucleotide Accession #	NM_001042771
Gene Symbol	LCK

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 92%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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