



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP54525_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/lck-antibody-n-terminal-region-fitc-arp54525-p050-fitc.html">www.avivasysbio.com/lck-antibody-n-terminal-region-fitc-arp54525-p050-fitc.html</a>
<b>Name</b>	LCK Antibody - N-terminal region : FITC (ARP54525_P050-FITC)
<b>Protein Size (# AA)</b>	509 amino acids
<b>Molecular Weight</b>	58kDa
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	3932
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Lymphocyte-specific protein tyrosine kinase
<b>Alias Symbols</b>	LSK, YT16, IMD22, p56lck, pp58lck
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">PSHDGDLGFEKGEQLRILEQSGEWWKAQSLTTGQEGFIPNFVAKANSLE</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Reference</b>	Merino,E., (2008) J. Immunol. 180 (9), 5805-5815
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	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;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-LCK (ARP54525_P050-FITC) antibody</a>
<b>Blocking Peptide</b>	For anti-LCK (ARP54525_P050-FITC) antibody is <a href="#">Catalog # AAP54525</a> (Previous Catalog # AAPP31309)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human LCK
<b>Uniprot ID</b>	<a href="#">P06239</a>
<b>Protein Name</b>	Tyrosine-protein kinase Lck
<b>Protein Accession #</b>	<a href="#">NP_001036236</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_001042771</a>
<b>Gene Symbol</b>	<a href="#">LCK</a>

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

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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