



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP54525_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/lck-antibody-n-terminal-region-hrp-arp54525-p050-hrp.html">www.avivasysbio.com/lck-antibody-n-terminal-region-hrp-arp54525-p050-hrp.html</a>
Name	LCK Antibody - N-terminal region : HRP (ARP54525_P050-HRP)
Protein Size (# AA)	509 amino acids
Molecular Weight	58kDa
Conjugation	HRP: Horseradish Peroxidase
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: <a href="#">PSHDGDLGFEKGEQLRILEQSGEWWKAQSLTTGQEGFIPNFVAKANSLE</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 <a href="#">anti-LCK (ARP54525_P050-HRP) antibody</a>
Blocking Peptide	For anti-LCK (ARP54525_P050-HRP) antibody is <a href="#">Catalog # AAP54525</a> (Previous Catalog # AAPP31309)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LCK
Uniprot ID	<a href="#">P06239</a>
Protein Name	Tyrosine-protein kinase Lck
Protein Accession #	<a href="#">NP_001036236</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001042771</a>
Gene Symbol	<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.

---

AVIVA SYSTEMS BIOLOGY  
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)