LCK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LCK, Polyclonal Antibody
Full Product Name	LCK (Tyrosine-protein Kinase Lck, Leukocyte C-terminal Src Kinase, LSK, Lymphocyte Cell-specific Protein-tyrosine Kinase, Protein YT16, Proto-oncogene Lck, T Cell-specific Protein-tyrosine Kinase, p56-LCK) (Biotin)
Product Gene Name	anti-LCK antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes human LCK.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	LCK (AAH13200.1, 1-539aa) full-length human protein.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-LCK antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-LCK antibody	Western Blot (WB)
Application Notes for anti-LCK antibody	For maximum recovery of product, 11c7entrifuge the original vial after thawing and prior to removing the cap. Applications are based on unconjugated antibody.
Related Product Information for anti-LCK antibody	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.
Other Notes	Small volumes of anti-LCK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LCK purchase	MBS6484813 is an antibody targeting LCK. Also known as LCK (Tyrosine-protein Kinase Lck, Leukocyte C-terminal Src Kinase, LSK, Lymphocyte Cell-specific Protein-tyrosine Kinase, Protein YT16, Proto-oncogene Lck, T Cell-specific Protein-tyrosine Kinase, p56-LCK) (Biotin). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LCK. It may not necessarily be applicable to this product.

NCBI GI #	15341997
NCBI GeneID	3932
NCBI Accession #	AAH13200.1
UniProt Related Accession #	P06239
NCBI Official Full Name	LCK protein
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
Protein Family	Proto-oncogene tyrosine-protein kinase
NCBI Protein Information	tyrosine-protein kinase Lck
NCBI Summary for LCK	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 different isoforms have been described. [provided by RefSeq, Aug 2016]
Research Articles on LCK	**1.** These findings suggest TSLP/p56lck plays an important role in allergic reactions and offers opportunities for the development of novel drugs for the treatment of AR.
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