# LCK Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **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) (MaxLight 405) |
| **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 MaxLight405. |
| **Purity/Purification** | Purified |
| **Specificity** | Recognizes human LCK. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Immunogen** | LCK (AAH13200.1, 1-539aa) full-length human protein. |
| **Conjugate** | MaxLight405 |
| **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** | 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** | MBS6484816 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) (MaxLight 405). 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.

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| **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. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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