

## Rabbit LCK Polyclonal Antibody | anti-LCK antibody

LCK (Phospho-Ser59) Antibody

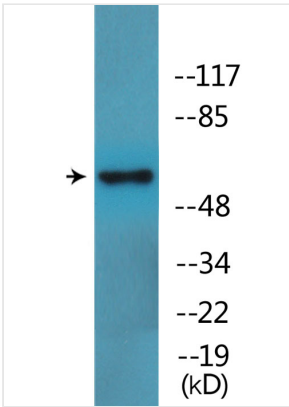
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS        |
|-----------|--------|-------------------|---------------------|
| AAA318343 | Rabbit | Human, Mouse, Rat | ELISA, Western Blot |

### PRODUCT SYNONYMS

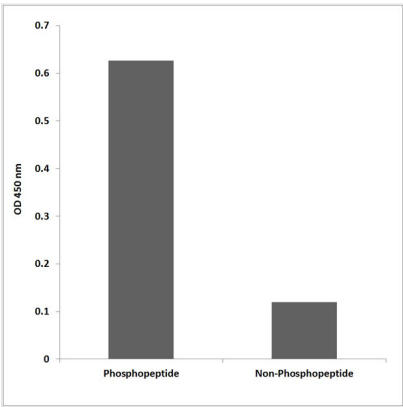
LCK; Polyclonal Antibody; LCK (Phospho-Ser59) Antibody; kinase Lck; LSK; LSK-T; lymphocyte-specific protein tyrosine kinase; P56-LCK; T cell-specific protein-tyrosine kinase; anti-LCK antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                  |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                           |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                     | Polyclonal                                                                                                                                                                                       |
| Specificity                                   | LCK (Phospho-Ser59) Antibody detects endogenous levels of LCK only when phosphorylated at Ser59.                                                                                                 |
| Purity/Purification                           | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                   | Rabbit IgG in phosphate buffered saline (Phospho-without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                |
| Concentration                                 | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                               | 539                                                                                                                                                                                              |
| Applicable Applications for anti-LCK antibody | ELISA, WB (Western Blot)                                                                                                                                                                         |
| Target Modification                           | Phospho                                                                                                                                                                                          |
| Modification Sites                            | H:S59; M:S59; R:S59                                                                                                                                                                              |
| Immunogen                                     | The antiserum was produced against synthesized phospho-peptide derived from human LCK around the phosphorylation site of Ser59.                                                                  |
| Preparation and Storage                       | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



**WB (Western Blot)**  
Western blot analysis of lysates from Jurkat cells treated with IFN 2500U/ML 30', using LCK (Phospho-Ser59) Antibody.



**ELISA**  
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using LCK (Phospho-Ser59) Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 112789548                                                                      |
| NCBI GeneID                      | 3932                                                                           |
| NCBI Accession #                 | NP_001036236.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001042771.2                                                                 |
| UniProt Accession #              | P06239; P07100; Q12850; Q13152; Q5TDH8; Q5TDH9; Q7RTZ3; Q96DW4; Q9NYT8; D3DPP8 |
| Molecular Weight                 | 58 kDa                                                                         |
| NCBI Official Full Name          | tyrosine-protein kinase Lck isoform a                                          |
| 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                                              |
| NCBI Protein Information         | tyrosine-protein kinase Lck                                                    |
| UniProt Protein Name             | Tyrosine-protein kinase Lck                                                    |
| UniProt Gene Name                | LCK                                                                            |
| UniProt Synonym Gene Names       | LSK                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.