

## Rabbit LCK Polyclonal Antibody | anti-LCK antibody

Rabbit anti-LCK (pY393) Antibody

| CATALOG # | HOST   | REACTIVITY                                     | APPLICATIONS                     |
|-----------|--------|------------------------------------------------|----------------------------------|
| AAA223266 | Rabbit | Human, Mouse, Rat, Bovine, Chicken, Pig, Sheep | Immunofluorescence, Western Blot |

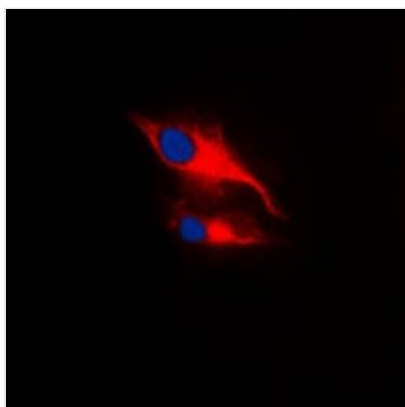
### PRODUCT SYNONYMS

LCK; Polyclonal Antibody; Rabbit anti-LCK (pY393) Antibody; 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; anti-LCK antibody

### PRODUCT SPECIFICATIONS

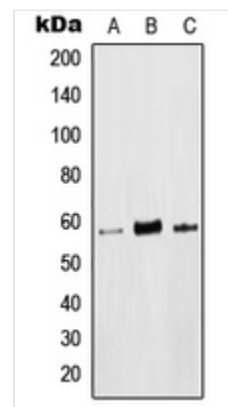
|                                               |                                                                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                             |
| Reactivity                                    | Human, Mouse, Rat, Bovine, Chicken, Pig, Sheep                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                         |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                                    |
| Form/Format                                   | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                          |
| Concentration                                 | 1mg/mL (varies by lot)                                                                                                             |
| Applicable Applications for anti-LCK antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                   |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LCK. The exact sequence is proprietary. |
| Preparation and Storage                       | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                          |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of LCK (pY393) staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of LCK (pY393) expression in MCF7 TNFα-treated (A), mouse liver (B), rat liver (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Product Categories/Family for anti-LCK antibody | Primary antibodies |
|-------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 112789548                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 3932                                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_001036236.1                                                                                                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001042771.1                                                                                                                                                                                                                                                 |
| UniProt Accession #              | P06239; P06240; Q01621                                                                                                                                                                                                                                         |
| Molecular Weight                 | 58,001 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | tyrosine-protein kinase Lck                                                                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | lymphocyte-specific protein tyrosine kinase                                                                                                                                                                                                                    |
| NCBI Official Symbol             | LCK                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | LSK; YT16; p56lck; pp58lck                                                                                                                                                                                                                                     |
| NCBI Protein Information         | tyrosine-protein kinase Lck; leukocyte C-terminal Src kinase; p56(LSTRA) protein-tyrosine kinase; t cell-specific protein-tyrosine kinase; proto-oncogene tyrosine-protein kinase LCK; lymphocyte cell-specific protein-tyrosine kinase; T-lymphocyte specific |
| UniProt Protein Name             | Tyrosine-protein kinase Lck                                                                                                                                                                                                                                    |
| UniProt Gene Name                | LCK                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | LSK                                                                                                                                                                                                                                                            |
| UniProt Entry Name               | LCK_HUMAN                                                                                                                                                                                                                                                      |

**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.

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