

# Phospho-LCK-Y394 Rabbit Polyclonal Antibody



CABP0182

## Product Information

### Size:

50uL, 100uL, 200uL

### Observed MW:

60kDa

### Calculated MW:

40kDa/58kDa/61kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

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 different isoforms have been described.

## Immunogen information

### Gene ID:

3932

### Uniprot

P06239

### Synonyms:

LCK; IMD22; LSK; YT16; p56lck; pp58lck

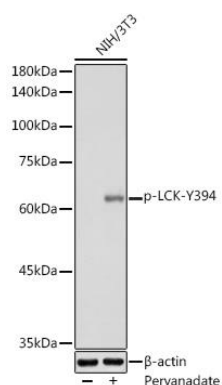
### Immunogen:

A phospho specific peptide corresponding to residues surrounding Y394 of human LCK

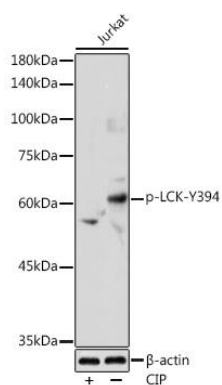
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-LCK-Y394 antibody (CABP0182) at 1:1000 dilution. NIH/3T3 cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Western blot analysis of extracts of Jurkat cells, using Phospho-LCK-Y394 antibody (CABP0182) at 1:1000 dilution. Jurkat cells were treated by CIP (20uL/400ul) at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 180s.