

For Research Use Only

# LCK Polyclonal antibody

Catalog Number: 12477-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

12477-1-AP

### Size:

150ul, Concentration: 800 µg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3176

### GenBank Accession Number:

BC013200

### GeneID (NCBI):

3932

### UNIPROT ID:

P06239

### Full Name:

Lymphocyte-specific protein tyrosine kinase

### Calculated MW:

539 aa, 56 kDa

### Observed MW:

50-60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB: Jurkat cells, Raji cells, Ramos cells

IP: Jurkat cells,

## Background Information

LCK (Lymphocyte cell-specific protein-tyrosine kinase) is also named as LSK, p56-LCK and a nonreceptor protein-tyrosine kinase of the SRC oncogene family that is involved in transduction of T-cell receptor-mediated activation. It is implicated in the control of lymphocyte growth by virtue of its overexpression in some lymphoid malignancies and its transforming activity in heterologous systems (PMID:2784463). It has 3 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Katie K Crean-Tate	33888137	J Ovarian Res	WB
Yuman Wang	37925509	Nat Commun	WB
Goutam Dey	37370140	J Ovarian Res	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

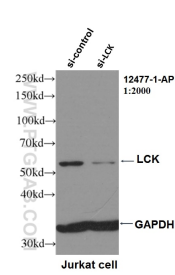
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

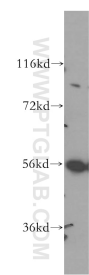
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

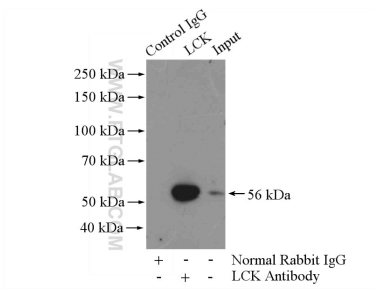
Selected Validation Data



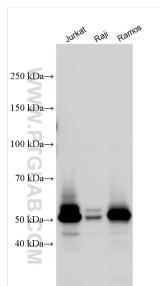
WB result of LCK antibody (12477-1-AP, 1:2000) with si-control and si-LCK transfected Jurkat cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 12477-1-AP (LCK antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-LCK (IP:12477-1-AP, 4ug; Detection:12477-1-AP 1:500) with Jurkat cells lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 12477-1-AP (LCK antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.