

For Research Use Only

# LCK Polyclonal antibody

Catalog Number: 12477-1-AP

Featured Product

4 Publications



## Basic Information

**Catalog Number:**

12477-1-AP

**Size:**

800 µg/ml

**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:**

IP, WB, 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

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

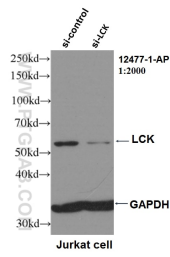
T: 4006900926

E: Proteintech-CN@ptglab.com

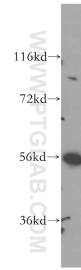
W: ptgcn.com

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

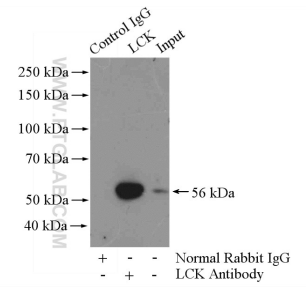
## Selected Validation Data



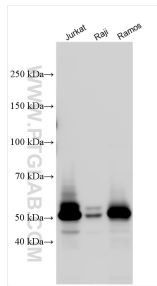
WB result of LCK antibody (12477-1-AP, 1:2000) with si-control and si-LCK transfected Jurkat cells.



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.