

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:

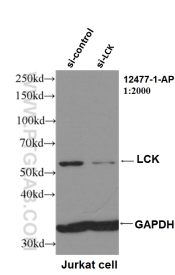
T: 4006900926

E: Proteintech-CN@ptglab.com

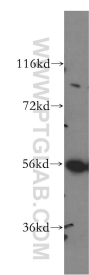
W: ptgcn.com

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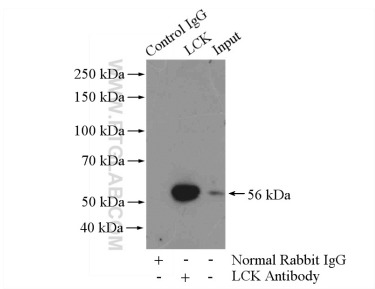
Selected Validation Data



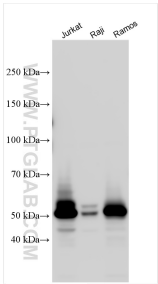
WB result of LCK antibody (12477-1-AP, 1:2000) with si-control and si-LCK transfected Jurkat cells.



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.