

For Research Use Only

# SHARPIN Polyclonal antibody

Catalog Number: 14626-1-AP

Featured Product

109 Publications



## Basic Information

### Catalog Number:

14626-1-AP

### Concentration:

650 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6201

### GenBank Accession Number:

BC025244

### GeneID (NCBI):

81858

### UNIPROT ID:

Q9H0F6

### Full Name:

SHANK-associated RH domain

interactor

### Calculated MW:

40 kDa

### Observed MW:

40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:5000-1:50000

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

IHC: 1:100-1:400

IF/ICC: 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat

### Positive Controls:

**WB**: A549 cells, mouse brain tissue, mouse skeletal muscle tissue, Jurkat cells, Raji cells

**IP**: Raji cells,

**IHC**: human lymphoma tissue, human small intestine tissue

**IF/ICC**: Jurkat cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

SHARPIN is as a third component of the linear ubiquitin chain assembly complex (LUBAC), recruited to the CD40 and TNF receptor signaling complexes together with its other constituents, HOIL1 and HOIP(PMID:21455173).SHARPIN is enriched in the postsynaptic density and forms a complex with SHANK in heterologous cells and brain(PMID:11178875).It has 2 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Matthias Kist	32999468	Cell Death Differ	WB,IP
Lucia Taraborrelli	30254289	Nat Commun	WB
Umar Butt	36148554	J Cell Sci	WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

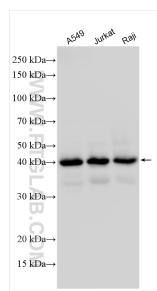
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

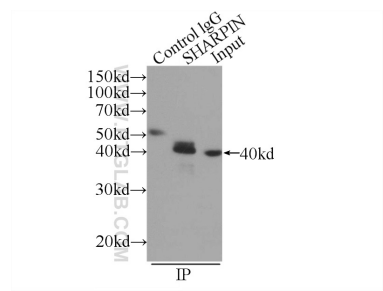
W: [ptgcn.com](http://ptgcn.com)

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Selected Validation Data



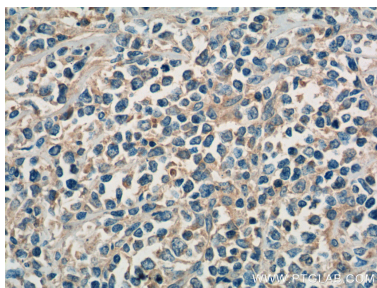
Various lysates were subjected to SDS PAGE followed by western blot with 14626-1-AP (SHARPIN antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



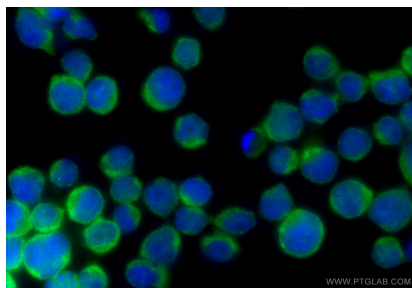
IP result of anti-SHARPIN (IP:14626-1-AP, 3ug; Detection:14626-1-AP 1:1500) with Raji cells lysate 2520ug.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 14626-1-AP (SHARPIN Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 14626-1-AP (SHARPIN Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using SHARPIN antibody (14626-1-AP) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).