

For Research Use Only

# SHARPIN Polyclonal antibody

Catalog Number: 14626-1-AP

Featured Product

89 Publications



## Basic Information

**Catalog Number:**

14626-1-AP

**Size:**

650 µg/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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:100-1:400

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF, IHC, CoIP

**Species Specificity:**

human, mouse

**Cited Species:**

human, rat, mouse

**Positive Controls:**

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

**IP:** Raji cells,

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

**IF:** 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

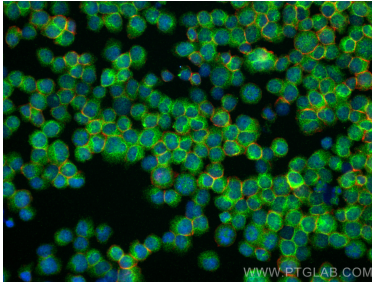
T: 4006900926

E: Proteintech-CN@ptglab.com

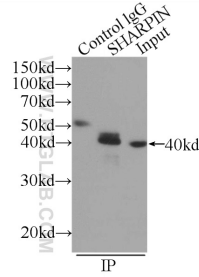
W: ptgcn.com

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

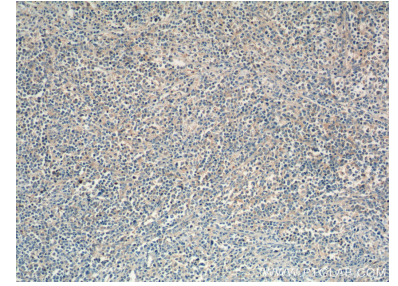
## Selected Validation Data



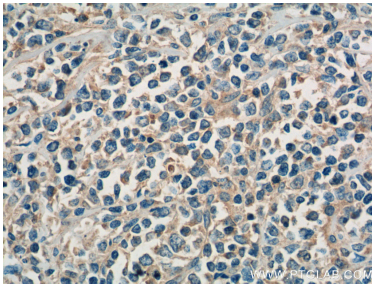
Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using SHARPIN antibody (14626-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



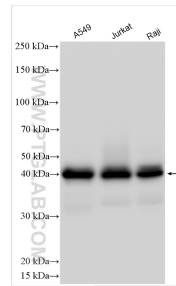
IP result of anti-SHARPIN (IP:14626-1-AP, 3ug; Detection:14626-1-AP 1:1500) with Raji cells lysate 2520ug.



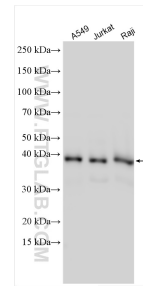
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 14626-1-AP (SHARPIN Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



A549 cells were subjected to SDS PAGE followed by western blot with 14626-1-AP (SHARPIN antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14626-1-AP (SHARPIN antibody) at dilution of 1:25000 incubated at room temperature for 1.5 hours.