

For Research Use Only

SHARPIN Polyclonal ANTIBODY



Catalog Number: 14626-1-AP

Featured Product

45 Publications

Basic Information

Catalog Number:
14626-1-AP

Size:
49 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG6201

GenBank Accession Number:
BC025244

GeneID (NCBI):
81858

Full Name:
SHANK-associated RH domain interactor

Calculated MW:
40 kDa

Observed MW:
40 kDa

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:3000 for WB

IHC 1:100-1:400

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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

Positive Controls:

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

IP : Raji cells;

IHC : human lymphoma tissue; human small intestine tissue

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(PMD:21455173). SHARPIN is enriched in the postsynaptic density and forms a complex with SHANK in heterologous cells and brain(PMD:11178875). It has 2 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Lucia Taraborrelli	30254289	Nat Commun	WB
Paul R Elliott	27591049	Mol Cell	WB
Donna A MacDuff	30209176	J Virol	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

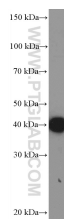
For technical support and original validation data for this product please contact:

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

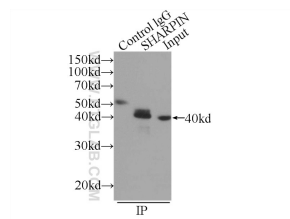
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



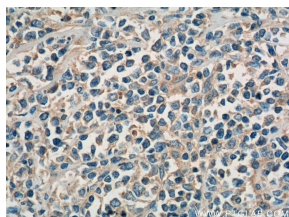
Raji cells were subjected to SDS PAGE followed by western blot with 14626-1-AP(SHARPIN Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



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 retrieved with Tris-EDTA buffer(pH9).



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 retrieved with Tris-EDTA buffer(pH9).