

# SHARPIN Monoclonal antibody

Catalog Number: 67177-1-Ig

## Basic Information

Catalog Number:

67177-1-Ig

Size:

1800 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG6367

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:

Protein A purification

CloneNo.:

3A9E2

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB: A431 cells, HeLa cells, A549 cells, HepG2 cells,  
HEK-293 cells, Jurkat cells, K-562 cells

## 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.

## Storage

Storage:

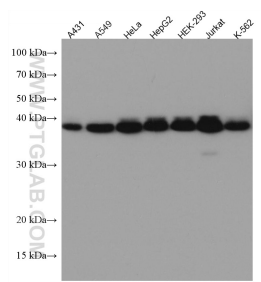
Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67177-1-Ig (SHARPIN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.