

For Research Use Only

POSH Polyclonal antibody

Catalog Number: 14649-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

14649-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6243

GenBank Accession Number:

BC053671

GeneID (NCBI):

57630

UNIPROT ID:

Q7Z6JO

Full Name:

SH3 domain containing ring finger 1

Calculated MW:

93 kDa

Observed MW:

93-100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, drosophila

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

Positive Controls:

WB: mouse brain tissue, DU 145 cells, HEK-293 cells, human brain tissue

IP: mouse brain tissue,

IHC: human gliomas tissue, mouse brain tissue

Background Information

POSH (plenty of SH3 domains) is a multidomain GTP-Rac1-interacting protein that acts as a scaffold for JNK activation, leading to apoptosis in neuronal and non-neuronal cells. It consists a RING-finger domain that possesses ubiquitin-ligase activity and four SH3 domains.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinshi Wang	29057721	Expert Opin Ther Targets	WB,IF,IP
Ryan J H West	25800055	J Cell Biol	IF
Sunil Goodwani	32659913	Int J Mol 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

*** 20ul sizes contain 0.1% BSA

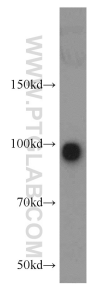
For technical support and original validation data for this product please contact:

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

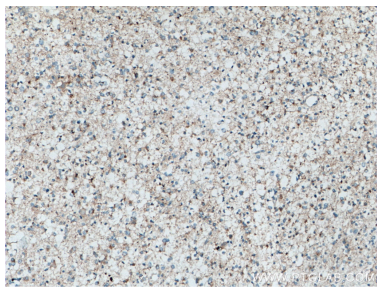
E: proteintech@ptglab.com
W: ptglab.com

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

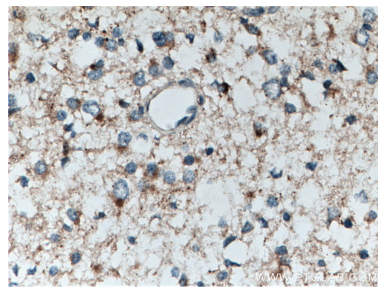
Selected Validation Data



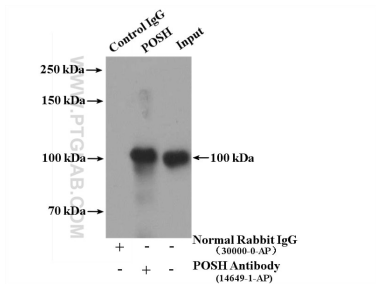
mouse brain tissue were subjected to SDS PAGE followed by western blot with 14649-1-AP (POSH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14649-1-AP (POSH 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 gliomas tissue slide using 14649-1-AP (POSH antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-POSH (IP:14649-1-AP, 4ug; Detection:14649-1-AP 1:1000) with mouse brain tissue lysate 4000ug.