

For Research Use Only

POSH Polyclonal antibody

Catalog Number: 14649-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 14649-1-AP	GenBank Accession Number: BC053671	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57630	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
Source: Rabbit	Full Name: SH3 domain containing ring finger 1	Calculated MW: 93 kDa
Isotype: IgG	Observed MW: 93-100 kDa	IHC 1:50-1:500
Immunogen Catalog Number: AG6243		

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IP, WB

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

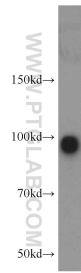
For technical support and original validation data for this product please contact:

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

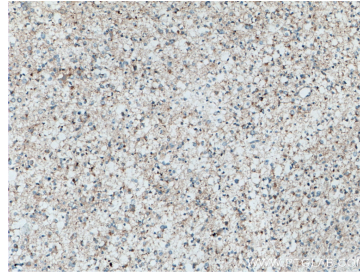
E: proteintech@ptglab.com
W: ptglab.com

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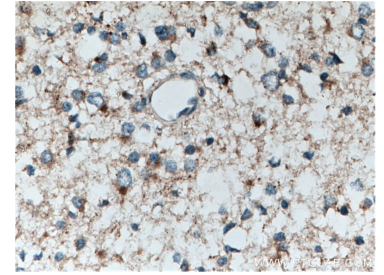
Selected Validation Data



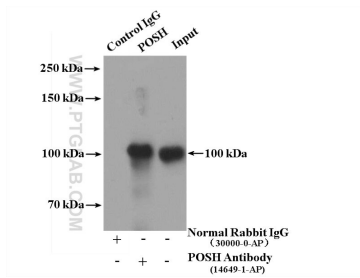
mouse brain tissue were subjected to SDS PAGE followed by western blot with 14649-1-AP (POSH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.