For Research Use Only

POSH Polyclonal antibody

Catalog Number:14649-1-AP Featured Product 7 Publications

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Basic Information

Catalog Number:
14649-1-AP

Size:
600 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6243

GenBank Accession Number:
BC053671

GeneID (NCBI):
57630

UNIPROT ID:
Q7Z6J0

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

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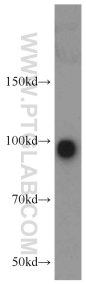
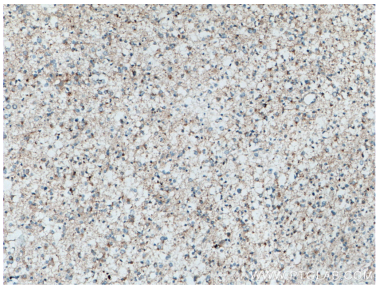
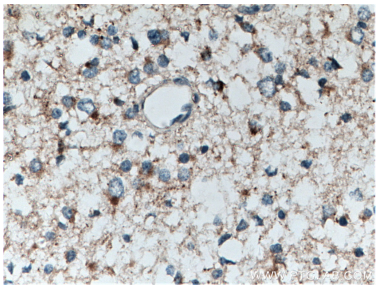
Selected Validation Data



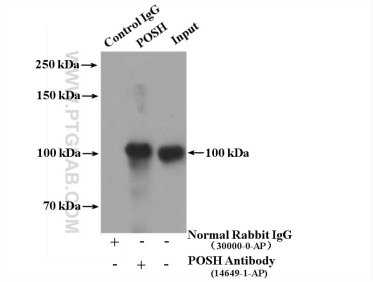
mouse brain tissue were subjected to SDS PAGE followed by western blot with 14649-1-AP (POSH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.