For Research Use Only

STK38 Polyclonal antibody

Catalog Number:11105-1-AP Featured Product 1 Publications

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
11105-1-AP

Size:
450 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1559

GenBank Accession Number:
BC012085

GeneID (NCBI):
11329

UNIPROT ID:
Q15208

Full Name:
serine/threonine kinase 38

Calculated MW:
55 kDa

Observed MW:
50-55 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, IHC, IP, ELISA

Cited Applications:
WB, IP

Species Specificity:
human, mouse

Cited Species:
human

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 : HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells, MCF-7 cells

IP : MCF-7 cells,

IHC : mouse cerebellum tissue,

Background Information

Serine/threonine-protein kinase 38 belongs to AGC Ser/Thr protein kinase family.STK38 implicates in cell proliferation and/or tumor progression, and might play a role in the HIV-1 life cycle.Researches showed that STK38 with STK38L, were proapoptotic kinases and key members of the RASSF1/STK4 signaling cascade and its kinase activity increased in early mitotic phase and was dependent on FRY and STK3.This antibody recognizes the C-terminal of STK38.

Notable Publications

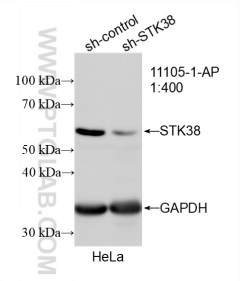
Author	Pubmed ID	Journal	Application
Xin Li	28361952	Nat Commun	WB,IP

Storage

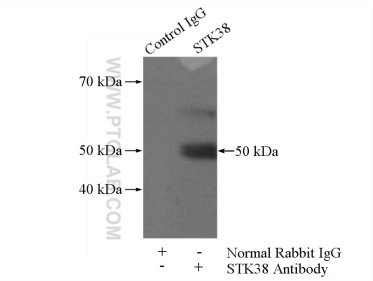
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

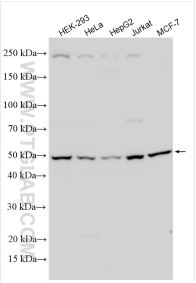
Selected Validation Data



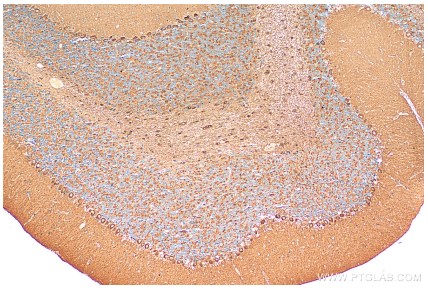
WB result of STK38 antibody (11105-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-STK38 transfected HeLa cells.



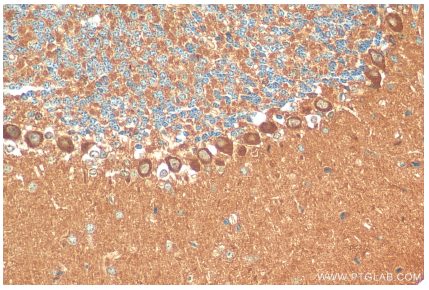
IP result of anti-STK38 (IP:11105-1-AP, 4ug; Detection:11105-1-AP 1:300) with MCF-7 cells lysate 800ug.



Various lysates were subjected to SDS PAGE followed by western blot with 11105-1-AP (STK38 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 11105-1-AP (STK38 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 mouse cerebellum tissue slide using 11105-1-AP (STK38 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).