

For Research Use Only

# STK38 Polyclonal antibody

Catalog Number: 11105-1-AP 1 Publications



## Basic Information

**Catalog Number:**

11105-1-AP

**Size:**

450 µg/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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

IP, WB

**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

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

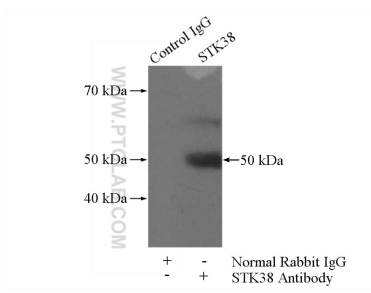
T: 4006900926

E: Proteintech-CN@ptglab.com

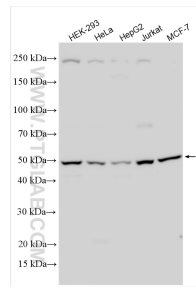
W: ptgcn.com

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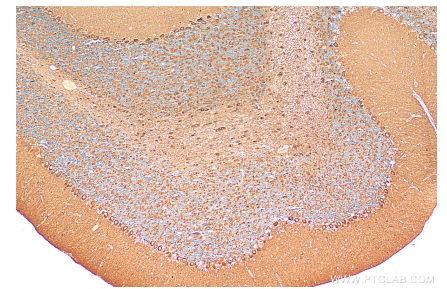
## Selected Validation Data



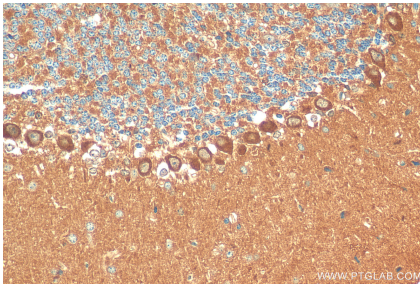
IP result of anti-STK38 (IP:11105-1-AP, 4 $\mu$ g; Detection:11105-1-AP 1:300) with MCF-7 cells lysate 800 $\mu$ g.



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).