

For Research Use Only

STK38 Polyclonal antibody

Catalog Number: 11105-1-AP **1 Publications**



Basic Information

Catalog Number: 11105-1-AP	GenBank Accession Number: BC012085	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 11329	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: serine/threonine kinase 38	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 55 kDa	
Immunogen Catalog Number: AG1559	Observed MW: 50-55 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells, MCF-7 cells IP : MCF-7 cells, IHC : mouse cerebellum tissue,
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

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

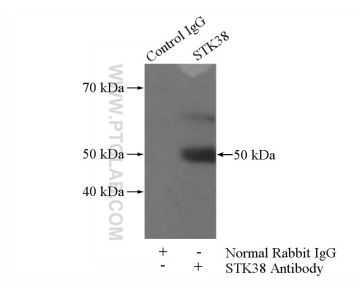
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

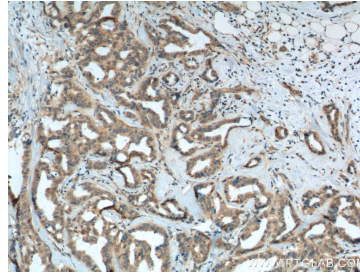
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

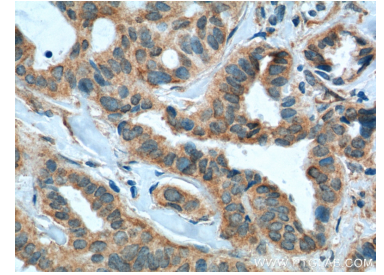
Selected Validation Data



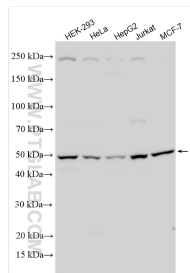
IP Result of anti-STK38 (IP:11105-1-AP, 4 μ g; Detection:11105-1-AP 1:300) with MCF-7 cells lysate 800 μ g.



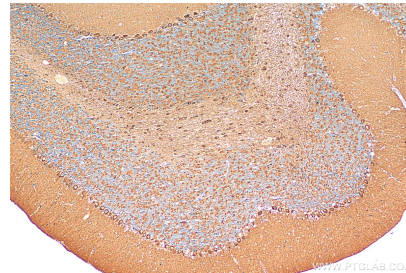
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11105-1-AP (STK38 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



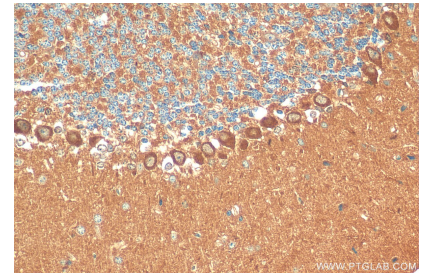
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11105-1-AP (STK38 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).