

For Research Use Only

# STK38 Polyclonal antibody

Catalog Number: 55335-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 55335-1-AP	<b>GenBank Accession Number:</b> NM_007271	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 707 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 11329	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:100-1:400 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> serine/threonine kinase 38	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 54 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, HeLa cells
<b>Cited Applications:</b> IF, IHC, WB	<b>IHC :</b> human kidney tissue, human breast cancer tissue
<b>Species Specificity:</b> human, mouse	<b>IF :</b> HEK-293 cells,
<b>Cited Species:</b> 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
Kuangen Zhang	33852174	J Cell Biochem	IF, WB, IHC

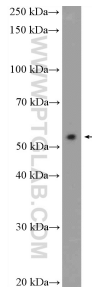
## Storage

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

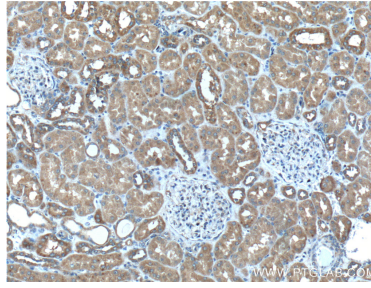
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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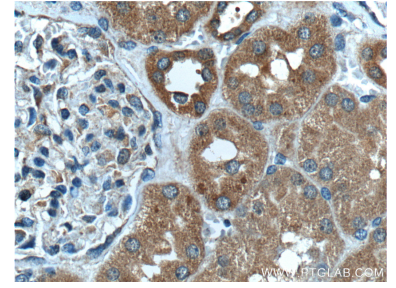
## Selected Validation Data



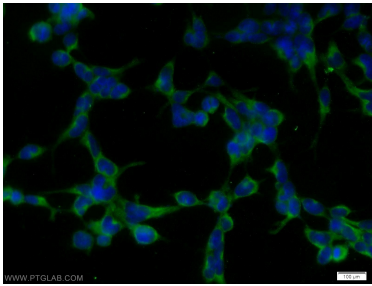
MCF-7 cells were subjected to SDS PAGE followed by western blot with 55335-1-AP (STK38 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 55335-1-AP (STK38 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 55335-1-AP (STK38 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HEK-293 cells using 55335-1-AP (STK38 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).