

For Research Use Only

# STK3 Polyclonal antibody

Catalog Number: 12097-1-AP

Featured Product

9 Publications



## Basic Information

<b>Catalog Number:</b> 12097-1-AP	<b>GenBank Accession Number:</b> BC010640	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6788	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> serine/threonine kinase 3 (STE20 homolog, yeast)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 491 aa, 56 kDa	
<b>Immunogen Catalog Number:</b> AG2741	<b>Observed MW:</b> 63 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

IF, IHC, WB

### Species Specificity:

human

### Cited Species:

human, rat, sheep

**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 : A375 cells, HeLa cells, HL-60 cells

IHC : human ovary tumor tissue,

IF : HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yandong Zhang	31731517	Molecules	WB
Yuxing Zhu	33147570	Aging (Albany NY)	WB
Xinxing Pan	35545004	Mol Cancer Ther	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

\*\*\* 20ul sizes contain 0.1% BSA

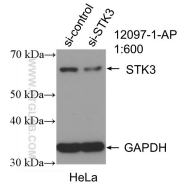
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

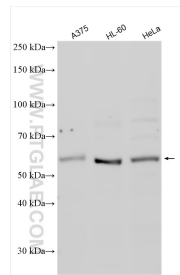
E: proteintech@ptglab.com  
W: ptglab.com

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

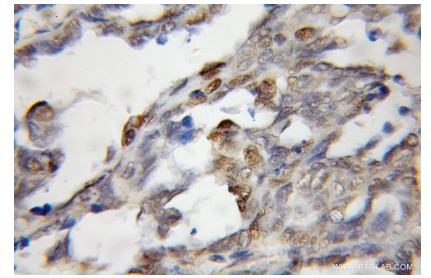
## Selected Validation Data



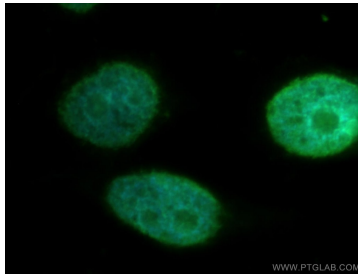
WB result of STK3 antibody (12097-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-STK3 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 12097-1-AP (STK3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 12097-1-AP (STK3 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HeLa cells, using STK3 antibody 12097-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).