

For Research Use Only

STK3 Polyclonal antibody

Catalog Number: 12097-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

12097-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2741

GenBank Accession Number:

BC010640

GeneID (NCBI):

6788

UNIPROT ID:

Q13188

Full Name:

serine/threonine kinase 3 (STE20 homolog, yeast)

Calculated MW:

491 aa, 56 kDa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

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 pancreas cancer tissue,

IF/ICC : HeLa cells,

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

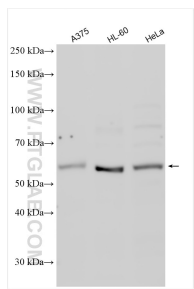
For technical support and original validation data for this product please contact:

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

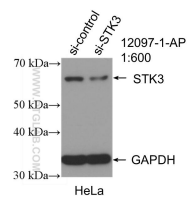
E: proteintech@ptglab.com
W: ptglab.com

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

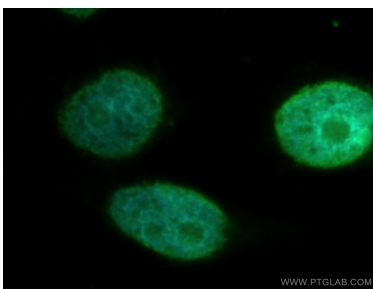
Selected Validation Data



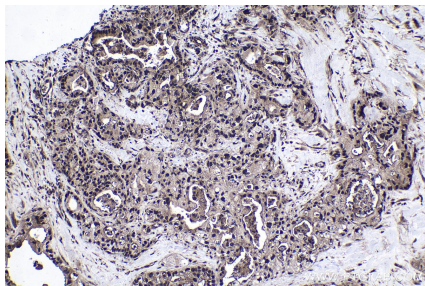
Various lysates were subjected to SDS PAGE followed by western blot with 12097-1-AP (STK3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



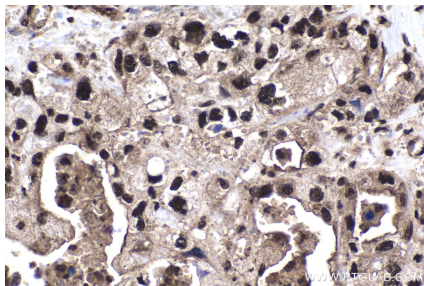
WB result of STK3 antibody (12097-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-STK3 transfected HeLa cells.



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).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 12097-1-AP (STK3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 12097-1-AP (STK3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).