

For Research Use Only

STK4/MST1 Polyclonal ANTIBODY



Catalog Number: 22245-1-AP **10 Publications**

Basic Information

Catalog Number:

22245-1-AP

Size:

150UL, Concentration: 560 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17738

GenBank Accession Number:

BC093768

GeneID (NCBI):

6789

Full Name:

serine/threonine kinase 4

Calculated MW:

487 aa, 56 kDa

Observed MW:

56 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:200

IF 1:20-1:200

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, 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: Jurkat cells, HeLa cells, rat liver tissue, Ramos cells, C2C12 cells, mouse spleen tissue, rat spleen tissue

IP: HeLa cells,

IHC: human prostate cancer tissue, human prostate hyperplasia tissue

IF: HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Ting-Ting Zhang	28893403	Tissue Cell	WB,IHC
Wenjiao Li	30315205	Cell Death Differ	WB
Fan Yu	31682826	Neuroscience	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

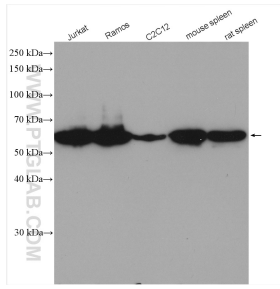
For technical support and original validation data for this product please contact:

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

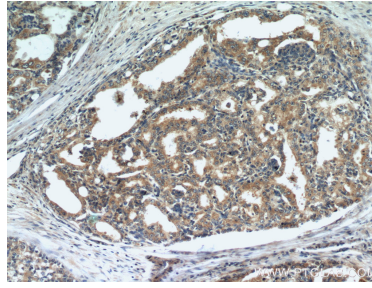
E: proteintech@ptglab.com
W: ptglab.com

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

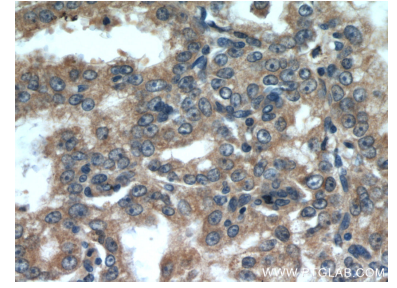
Selected Validation Data



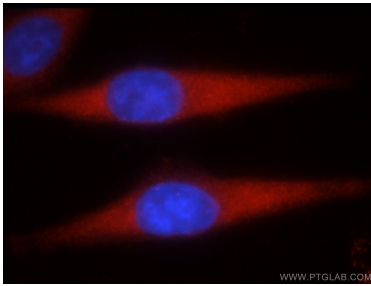
Various lysates were subjected to SDS PAGE followed by western blot with 22245-1-AP (STK4/MST1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



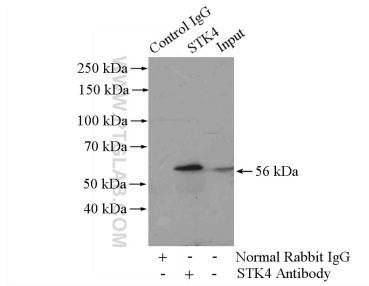
Immunohistochemical analysis of paraffin-embedded human prostate cancer using 22245-1-AP (STK4/MST1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 22245-1-AP (STK4/MST1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 22245-1-AP (STK4/MST1 antibody) at dilution of 1:50 and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-STK4/MST1 (IP:22245-1-AP, 4ug; Detection:22245-1-AP 1:1000) with HeLa cells lysate 1200ug.