

STIP1 Polyclonal antibody

Catalog Number: 15218-1-AP

Featured Product

5 Publications

Basic Information

Catalog Number:

15218-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7388

GenBank Accession Number:

BC002987

GeneID (NCBI):

10963

UNIPROT ID:

P31948

Full Name:

stress-induced-phosphoprotein 1

Calculated MW:

63 kDa

Observed MW:

61 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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 : A431 cells, A549 cells, HepG2 cells, Jurkat cells, HEK-293 cells, HeLa cells

IP : Jurkat cells,

IHC : human liver cancer tissue,

IF : MCF-7 cells,

Background Information

STIP1, also named as Hop and NY-REN-11. Its expression is low in the hypothalamus. STIP1 has some isoforms with MW 62 kDa, 68 kDa and 59 kDa. Acts as a co-chaperone for HSP90AA1. Mediates the association of the molecular chaperones HSPA8/HSC70 and HSP90. Probably forms a complex composed of chaperones HSP90 and HSP70, co-chaperones STIP1/HOP, CDC37, PPP5C, PTGES3/p23, TSC1 and client protein TSC2. STIP1 interacts with PACRG, EEF1AKMT3, FLCN, FNIP1 and FNIP2 (PMID:24880080).

Notable Publications

Author	Pubmed ID	Journal	Application
Yanwei Wang	25311551	Gene	WB
Xiangjun Guo	31819639	Cancer Manag Res	WB
Lizhi Lin	33665786	Hum Cell	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

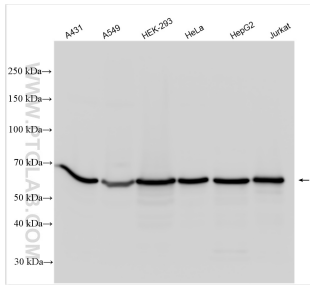
For technical support and original validation data for this product please contact:

T: 4006900926

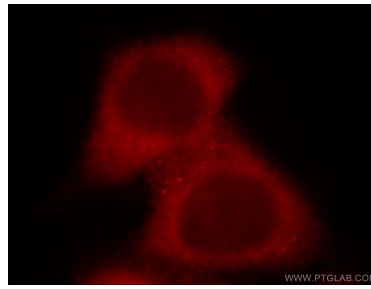
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

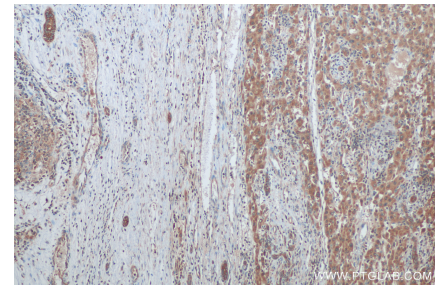
Selected Validation Data



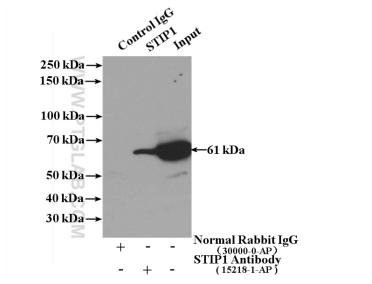
Various lysates were subjected to SDS PAGE followed by western blot with 15218-1-AP (STIP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of MCF-7 cells, using STIP1 antibody 15218-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15218-1-AP (STIP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-STIP1 (IP:15218-1-AP, 4ug; Detection:15218-1-AP 1:500) with Jurkat cells lysate 2400ug.