

For Research Use Only

PSIP1 Polyclonal antibody

Catalog Number: 25504-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

25504-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21886

GenBank Accession Number:

BC064135

GeneID (NCBI):

11168

UNIPROT ID:

O75475

Full Name:

PC4 and SFRS1 interacting protein 1

Calculated MW:

530 aa, 60 kDa

Observed MW:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IHC 1:1000-1:4000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF, RIP

Species Specificity:

human, mouse, rat

Cited Species:

human

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 : HeLa cells, HepG2 cells, Jurkat cells, NIH/3T3 cells

IHC : mouse brain tissue, mouse spleen tissue, rat brain tissue

IF/ICC : HepG2 cells,

Background Information

PSIP1 is a chromatin associated protein that is shown to act as a transcriptional coactivator as well as an RNA-binding protein. PSIP1 encodes two protein isoforms with molecular masses of 52 and 75 kDa. p52 and p75 were identified as interacting with transcription factor PC4 and shown to act as transcriptional coactivators.

Notable Publications

Author	Pubmed ID	Journal	Application
Belinda Baquero-Perez	31647415	Elife	RIP
Gary LeRoy	31616795	Sci Adv	WB
Jia-Ray Yu	34261657	Sci Adv	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

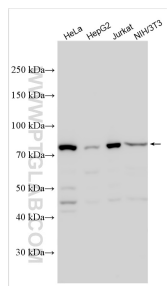
For technical support and original validation data for this product please contact:

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

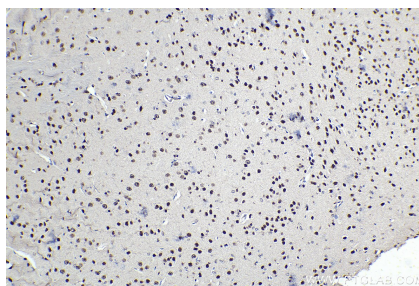
E: proteintech@ptglab.com
W: ptglab.com

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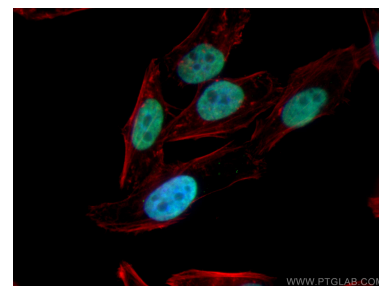
Selected Validation Data



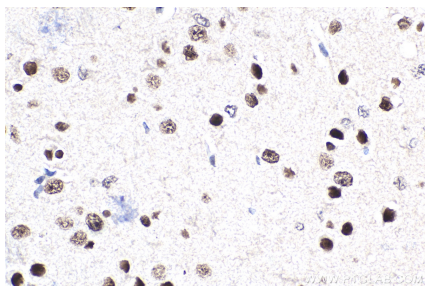
Various lysates were subjected to SDS PAGE followed by western blot with 25504-1-AP (PSIP1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25504-1-AP (PSIP1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PSIP1 antibody (25504-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25504-1-AP (PSIP1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).