

For Research Use Only

PSIP1 Polyclonal antibody

Catalog Number: 25504-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 25504-1-AP	GenBank Accession Number: BC064135	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 850 µg/ml by Nanodrop;	GeneID (NCBI): 11168	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:1000-1:4000 IF 1:50-1:500
Source: Rabbit	Full Name: PC4 and SFRS1 interacting protein 1	
Isotype: IgG	Calculated MW: 530 aa, 60 kDa	
Immunogen Catalog Number: AG21886	Observed MW: 75 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
RIP, WB

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: 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

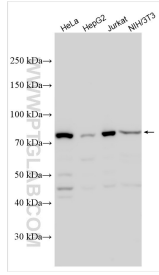
For technical support and original validation data for this product please contact:

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

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

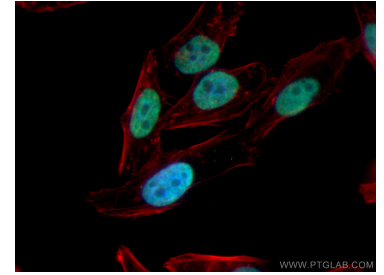
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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 AffiniPure 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).