

For Research Use Only

PSIP1 Monoclonal antibody

Catalog Number: 67723-1-Ig



Basic Information

Catalog Number: 67723-1-Ig	GenBank Accession Number: NM_021144	Purification Method: Protein G purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop and 235 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11168	CloneNo.: 1E9E7
Source: Mouse	UNIPROT ID: O75475	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:500-1:2000
Isotype: IgG1	Full Name: PC4 and SFRS1 interacting protein 1	
Immunogen Catalog Number: AG30562	Calculated MW: 60 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : LNCaP cells, Jurkat cells, U2OS cells, NIH/3T3 cells, HeLa cells, HEK-293 cells, HepG2 cells, K-562 cells
	IF/ICC : U2OS cells,

Background Information

PSIP1, also known as PC4 and SRSF1 Interacting Protein 1 or Lens Epithelium-Derived Growth Factor (LEDGF), is a transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. It also plays a role in lens epithelial cell gene regulation and stress responses. It is a chromatin-associated protein with histone chaperone activity, involved in transcriptional elongation. PSIP1 may act as an adapter to coordinate pre-mRNA splicing. 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.

Storage

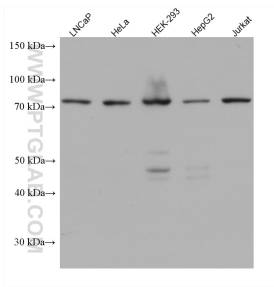
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

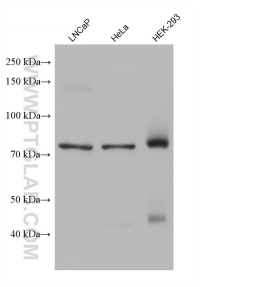
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

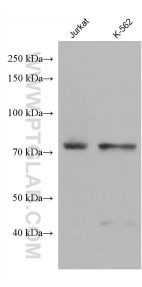
Selected Validation Data



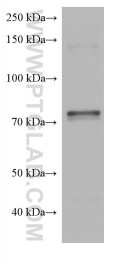
Various lysates were subjected to SDS PAGE followed by western blot with 67723-1-Ig (PSIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



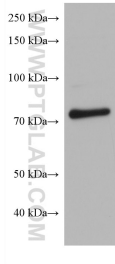
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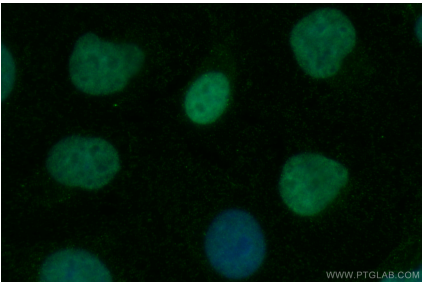
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U2OS cells were subjected to SDS PAGE followed by western blot with 67723-1-Ig (PSIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 67723-1-Ig (PSIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using PSIP1 antibody (67723-1-Ig, Clone: 1E9E7) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).