

For Research Use Only

CoraLite® Plus 488-conjugated PSIP1 Recombinant antibody

Catalog Number: CL488-85395



Basic Information

Catalog Number: CL488-85395	GenBank Accession Number: BC064135	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 11168	CloneNo.: 242841C5
Source: Rabbit	UNIPROT ID: O75475	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: PC4 and SFRS1 interacting protein 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG21886	Calculated MW: 530 aa, 60 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human, mouse, rat	

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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

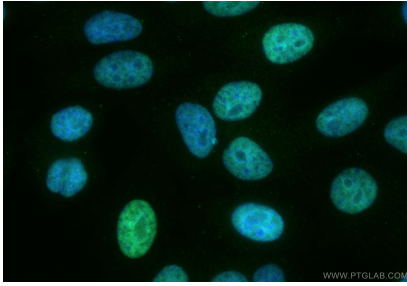
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 PSIP1 antibody (CL488-85395, Clone: 242841C5) at dilution of 1:200.