

For Research Use Only

SNRPN/SNRPB Monoclonal antibody, PBS Only

Catalog Number: 67280-1-PBS



Basic Information

Catalog Number: 67280-1-PBS	GenBank Accession Number: BC000611	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 6638	CloneNo.: 1H2F4
Source: Mouse	UNIPROT ID: P63162	
Isotype: IgG1	Full Name: small nuclear ribonucleoprotein polypeptide N	
Immunogen Catalog Number: AG14030	Calculated MW: 240 aa, 25 kDa	
	Observed MW: 27-29 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

SNRPN, or SNURF-SNRPN, is a bistrionic imprinted gene that encodes 2 polypeptides, the SmN splicing factor, which is involved in RNA processing, and the SNRPN upstream reading frame (SNURF) polypeptide. The SNRPN gene is transcribed exclusively from the paternally inherited chromosome and shows highest expression in brain and heart. SNRPN may play a role in etiology of Prader-Willi syndrome. This antibody recognizes SNRPN and SNRPB due to high amino acid sequence homology.

Storage

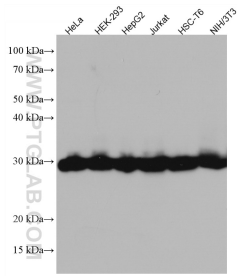
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

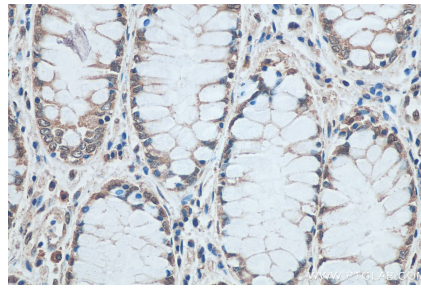
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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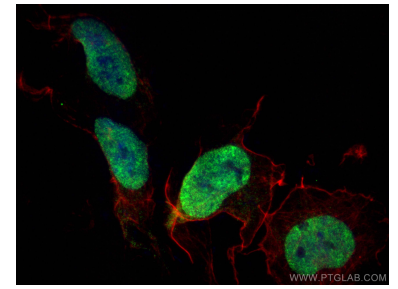
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67280-1-Ig (SNRPN/SNRPB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67280-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67280-1-Ig (SNRPN/SNRPB antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67280-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using SNRPN/SNRPB antibody (67280-1-Ig, Clone: 1H2F4) at dilution of 1:2000 and Multi-rAb CoraLite Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-phalloidin (red). This data was developed using the same antibody clone with 67280-1-PBS in a different storage buffer formulation.