

For Research Use Only

SNRPN Polyclonal antibody

Catalog Number: 11070-1-AP **5 Publications**



Basic Information

Catalog Number: 11070-1-AP	GenBank Accession Number: BC010057	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6638	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: P63162	
Isotype: IgG	Full Name: small nuclear ribonucleoprotein polypeptide N	
Immunogen Catalog Number: AG1503	Calculated MW: 25 kDa	
	Observed MW: 25-30 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, mouse brain tissue, rat brain tissue
Cited Applications: IF, WB	IHC : human gliomas tissue,
Species Specificity: human, mouse, rat	IF : SH-SY5Y cells,
Cited Species: human, mouse, bovine	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Karljin Pellikaan	34200226	Genes (Basel)	WB,IF
Yuna Kim	28024084	Nat Med	WB
Luke W Thompson	29507115	J Cell Sci	WB

Storage

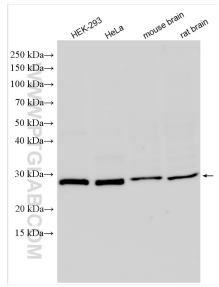
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

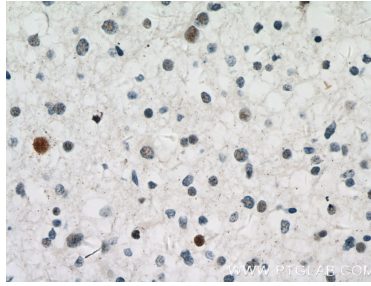
For technical support and original validation data for this product please contact:
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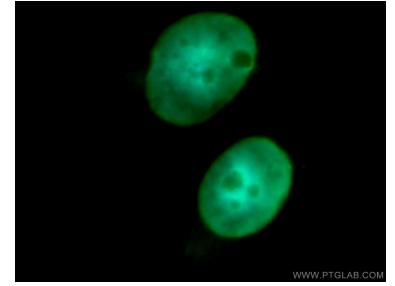
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11070-1-AP (SNRPN antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11070-1-AP (SNRPN antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of SH-SY5Y cells, using SNRPN antibody 11070-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG(green). Blue pseudocolor = DAPI (fluorescent DNA dye).