

For Research Use Only

SNRPN Polyclonal ANTIBODY



Catalog Number: 11070-1-AP **3 Publications**

Basic Information

Catalog Number: 11070-1-AP	GenBank Accession Number: BC010057	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6638	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	Full Name: small nuclear ribonucleoprotein polypeptide N	
Isotype: IgG	Calculated MW: 25 kDa	
Immunogen Catalog Number: AG1503	Observed MW: 25-30 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : mouse brain tissue, HEK-293 cells, HeLa cells IHC : human gliomas tissue, IF : SH-SY5Y cells,
Cited Applications: IF, WB	
Species Specificity: human, mouse	
Cited Species: bovine, human, mouse	
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
Yuna Kim	28024084	Nat Med	WB
Luke W Thompson	29507115	J Cell Sci	WB
Ma Xuan X	19493443	Chin Med J (Engl)	IF

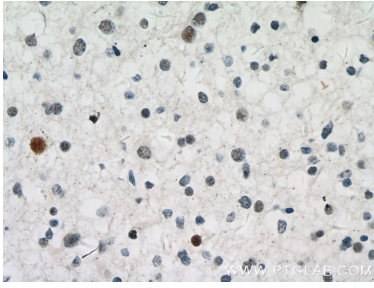
Storage

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

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)
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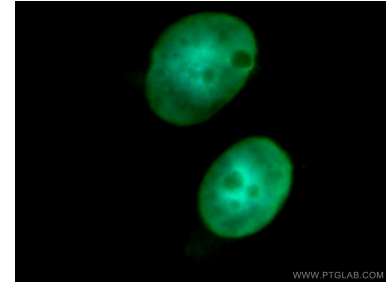
Selected Validation Data



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).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11070-1-AP (SNRPN antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



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).