

SNRPN Polyclonal Antibody

Catalog number: 11070-1-AP

Size: 42 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

SNRPN; DKFZp686C0927,

DKFZp686M12165,

DKFZp76111912,

DKFZp762N022, FLJ33569,

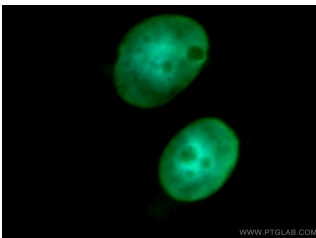
FLJ36996, FLJ39265, HCERN3,

PWCR, RT LI, SM D, Sm N, Sm

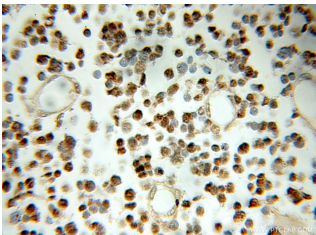
protein D, Sm protein N, SMN,

SNRNP N, SNRPN, SNURF

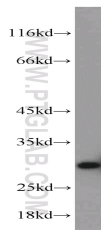
SNRPN



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).



Immunohistochemical of paraffin-embedded human gliomas using 11070-1-AP (SNRPN antibody) at dilution of 1:100 (under 10x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11070-1-AP (SNRPN antibody) at dilution of 1:800

Background

SNRPN, or SNURF-SNRPN, is a bicistronic 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.

Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	IF
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Bovine
Calculated SNRPN MW:	25 kDa
Observed SNRPN MW:	27-30 kDa
Positive WB detected in	Mouse brain tissue, HEK-293 cells, HeLa cells
Positive IHC detected in	Human gliomas tissue
Positive IF detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1503
GenBank accession number:	BC010057
Gene ID (NCBI):	6638
Full name:	Small nuclear ribonucleoprotein polypeptide N

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.