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SNRPN Recombinant Mouse mAb

Catalog # AP96434

Product Information

Application	WB
Predicted	Rat, Human, Mouse
Host	Mouse
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG1, Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the snRNP SmB/SmN family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is located within the Prader-Willi Syndrome critical region on chromosome 15 and is imprinted and expressed from the paternal allele. It encodes a component of the small nuclear ribonucleoprotein complex, which functions in pre-mRNA processing and may contribute to tissue-specific alternative splicing. Alternative promoter use and alternative splicing result in a multitude of transcript variants encoding the same protein. Transcript variants that initiate at the CpG island-associated imprinting center may be bicistronic and also encode the SNRPN upstream reading frame protein (SNURF) from an upstream open reading frame. In addition, long spliced transcripts for small nucleolar RNA host gene 14 (SNHG14) may originate from the promoters at this locus and share exons with this gene. Alterations in this region are associated with parental imprint switch failure, which may cause Angelman syndrome or Prader-Willi syndrome. [provided by RefSeq, Mar 2017]

Additional Information

Other Names	HCERN3; PWCR; RT-LI; SM-D; SMN; SNRNP-N; SNURF-SNRPN; sm-N; 2410045I01Rik; Peg4; FE 294; FE 294 psi; FE294; FE294 psi; RSMN_BOVIN; SNRPN; Sm protein N (Sm-N | SmN); RSMN_MACFA; RSMN_HUMAN; Sm protein D (Sm-D); Tissue-specific-splicing protein; RSMN_MOUSE; RSMN_PONAB; RSMN_RAT; small nuclear ribonucleoprotein polypeptide N; Prader-Willi syndrome chromosome region; tissue-specific splicing protein; SM protein N; small nuclear ribonucleoprotein N
Dilution	WB=1:500-1000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	SNRPN Recombinant Mouse mAb

Function	May be involved in tissue-specific alternative RNA processing events.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.