10320 Camino Santa Fe, Suite G
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SNRPN Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14532a

Specification

SNRPN Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P63162

SNRPN Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 6638;8926

Other Names
Small nuclear ribonucleoprotein-associated protein N, snRNP-N, Sm protein D, Sm-D, Sm protein N, Sm-N, SmN, Tissue-specific-splicing protein, SNRPN, HCERN3, SMN

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SNRPN Antibody (N-term) Blocking Peptide - Protein Information

Name SNRPN

Synonyms HCERN3, SMN

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

Cellular Location
Nucleus.

Tissue Location
Expressed in brain and lymphoblasts.

SNRPN Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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SNRPN Antibody (N-term) Blocking Peptide - Images

SNRPN Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is one polypeptide of asmall nuclear ribonucleoprotein complex and belongs to the snRNPSMB/SMN family. The protein plays a role in pre-mRNA processing,possibly tissue-specific alternative splicing events. Althoughindividual snRNPs are believed to recognize specific nucleic acidsequences through RNA-RNA base pairing, the specific role of thisfamily member is unknown. The protein arises from a bicistronictranscript that also encodes a protein identified as the SNRPNupstream reading frame (SNURF). Multiple transcription initiationsites have been identified and extensive alternative splicingoccurs in the 5' untranslated region. Additional splice variantshave been described but sequences for the complete transcripts havenot been determined. The 5' UTR of this gene has been identified asan imprinting center. Alternative splicing or deletion caused by atranslocation event in this paternally-expressed region isresponsible for Angelman syndrome or Prader-Willi syndrome due toparental imprint switch failure.

SNRPN Antibody (N-term) Blocking Peptide - References

Benetatos, L., et al. Leuk. Res. 34(2):148-153(2010)Kim, S.J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (7), 1116-1125 (2008) :Horsthemke, B., et al. Am. J. Med. Genet. A 146A (16), 2041-2052 (2008) :Runte, M., et al. Hum. Mol. Genet. 10(23):2687-2700(2001)Kuslich, C.D., et al. Am. J. Hum. Genet. 64(1):70-76(1999)