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anti-SNRPN antibody (AA 1-100)





Overview

Quantity:	100 μL
Target:	SNRPN
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNRPN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SNRPN Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SNRPN (NP_003088.1).
Sequence:	MTVGKSSKML QHIDYRMRCI LQDGRIFIGT FKAFDKHMNL ILCDCDEFRK IKPKNAKQPE REEKRVLGLV LLRGENLVSM TVEGPPPKDT GIARVPLAGA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

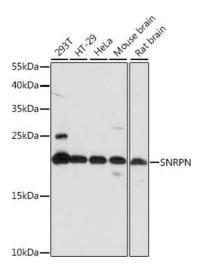
Target Details

Target:	SNRPN
Alternative Name:	SNRPN (SNRPN Products)
Background:	The protein encoded by this gene is one polypeptide of a small nuclear ribonucleoprotein complex and belongs to the snRNP SMB/SMN family. The protein plays a role in pre-mRNA processing, possibly tissue-specific alternative splicing events. Although individual snRNPs are believed to recognize specific nucleic acid sequences through RNA-RNA base pairing, the specific role of this family member is unknown. The protein arises from a bicistronic transcript that also encodes a protein identified as the SNRPN upstream reading frame (SNURF). Multiple transcription initiation sites have been identified and extensive alternative splicing occurs in the 5' untranslated region. Additional splice variants have been described but sequences for the complete transcripts have not been determined. The 5' UTR of this gene has been identified as an imprinting center. Alternative splicing or deletion caused by a translocation event in this paternally-expressed region is responsible for Angelman syndrome or Prader-Willi syndrome due to parental imprint switch failure.,SNRPN,HCERN3,PWCR,RT-LI,SM-D,SMN,SNRNP-N,SNURF-SNRPN,sm-N,PWS,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,SNRPN
Molecular Weight:	24kDa/25kDa
Gene ID:	6638
UniProt:	P63162
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SNRPN antibody (ABIN7270366) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.