Product name:	SNRPN Rabbit Polyclonal Antibody
Cat number:	ABN18065
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from the Internal region of human SNRPN. AA range:21-70
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:50-1:300
Molecular Weight:	26kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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 splicidisease:Patients with the autoimmune disease systemic lupus erythematosus (SLE) have autoantibodies directed against some of the individual snRNP polypeptides. The most common autoantigen is called Sm. N bears Sm epitopes.,function:May be involved in tissue-specific alternative RNA processing events.,miscellaneous:Encoded on a bicistronic transcript that encode for two proteins, SNRPN and SNURF.,miscellaneous:Encoded on a bicistronic transcript that encode for two proteins, SNRPN and SNURF. In addition to the primary 1.6-kb bicistronic SNURF-SNRPN transcript, SNURF-only transcript is also detected.,similarity:Belongs to the snRNP SmB/SmN family.,similarity:Belongs to the SNURF family.,subunit:Interacts with TDRD3.,tissue specificity:Expressed in brain and lymphoblasts.,tissue specificity:Expressed in heart, skeletal muscle and lymphoblasts (at protein level). Expressed in brain, pancreas, heart, liver, lung, kidney and skeletal muscle.,