

产品名称: SNRPN Rabbit Polyclonal Antibody
产品货号: APRab18065



产品概述 (Summary)

产品名称 (Production Name)	SNRPN Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SNRPN SNRPN; HCERN3; SMN; Small nuclear ribonucleoprotein-associated protein N;
别名 (Alternative Names)	snRNP-N; Sm protein D; Sm-D; Sm protein N; Sm-N; SmN; Tissue-specific-splicing protein
基因 ID (Gene ID)	6638.0
蛋白 ID (SwissProt ID)	P63162.The antiserum was produced against synthesized peptide derived from the Internal region of human SNRPN. AA range:21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	26kDa

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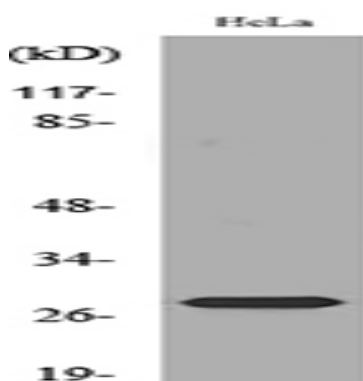
研究背景 (Background)

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 disease: 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.,

研究领域 (Research Area)

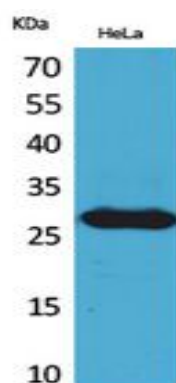
Translation Ribosome; Epigenetics and Nuclear Signaling; DNA / RNA; RNA Processing

图片 (Image Data)



Western blot analysis of lysate from HeLa cells, using SNRPN Antibody.

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Western Blot analysis of HeLa cells using SNRPN Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .