

**SNRPN rabbit pAb****Cat#: orb767062 (Manual)**

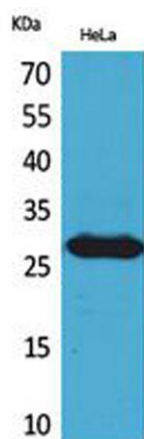
For research use only. Not intended for diagnostic use.

|                                 |  |
|---------------------------------|--|
| <b>Product Name</b>             | SNRPN rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;IHC   |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat  |
| <b>Recommended dilutions</b>    | WB 1:500-2000;IHC-p 1:50-300   |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from the Internal region of human SNRPN. AA range:21-70 |
| <b>Specificity</b>              | SNRPN Polyclonal Antibody detects endogenous levels of SNRPN protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..   |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Small nuclear ribonucleoprotein-associated protein N   |
| <b>Gene Name</b>                | SNRPN  |
| <b>Cellular localization</b>    | Nucleus.   |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |

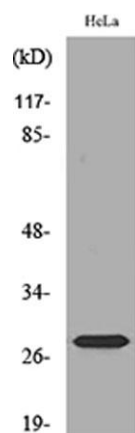
|                                |  |
|--------------------------------|--|
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Observed band</b>           | 26kD   |
| <b>Human Gene ID</b>           | 6638   |
| <b>Human Swiss-Prot Number</b> | P63162   |
| <b>Alternative Names</b>       | SNRPN; HCERN3; SMN; Small nuclear ribonucleoprotein-associated protein N; snRNP-N; Sm protein D; Sm-D; Sm protein N; Sm-N; SmN; Tissue-specific-splicing protein |

### Background

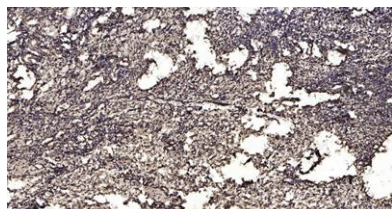
The protein encoded by this gene is one polypeptide of a small nuclear ribonucleoprotein complex and belongs to the snRNP SMB/SMN family. The protein plays a role in pre-mRNA processing, possibly tissue-specific alternative splicing events. Although individual snRNPs are believed to recognize specific 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



**Western Blot analysis of HeLa cells using SNRPN Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).**



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



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).