10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

SNRPD2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6841a

Specification

SNRPD2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P62316

SNRPD2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 6633

Other Names
Small nuclear ribonucleoprotein Sm D2, Sm-D2, snRNP core protein D2, SNRPD2, SNRPD1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6841a was selected from the N-term region of human SNRPD2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SNRPD2 Antibody (N-term) Blocking Peptide - Protein Information

Name SNRPD2

SNRPD2 Antibody (N-term) Blocking Peptide - Background

SNRPD2 belongs to the small nuclear ribonucleoprotein core protein family. It is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis.

SNRPD2 Antibody (N-term) Blocking Peptide - References

Stelzl,U., et.al., Cell 122 (6), 957-968 (2005)

Synonyms SNRPD1

Function
Plays role in pre-mRNA splicing as core component of the SMN- Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome (PubMed:11991638, PubMed:18984161, PubMed:19325628, PubMed:23333303, PubMed:25555158, PubMed:26912367, PubMed:28502770, PubMed:28781166, PubMed:28076346). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346). Is also a component of the minor U12 spliceosome (PubMed:15146077).

Cellular Location
Cytoplasm, cytosol. Nucleus.

Note=SMN-mediated assembly into core snRNPs occurs in the cytosol before SMN-mediated transport to the nucleus to be included in spliceosomes.

SNRPD2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides