

SNRPD2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6841c**Specification**

SNRPD2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P62316](#)**SNRPD2 Antibody (Center) 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 [AP6841c](/products/AP6841c) was selected from the Center 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 (Center) Blocking Peptide - Protein Information**Name** SNRPD2**Synonyms** SNRPD1**Function**

Plays a role in pre-mRNA splicing as a core component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome (PubMed: [11991638](http://www.uniprot.org/citations/11991638), PubMed: [18984161](http://www.uniprot.org/citations/18984161), PubMed: [19325628](http://www.uniprot.org/citations/19325628), PubMed: [23333303](http://www.uniprot.org/citations/23333303), PubMed: [25555158](http://www.uniprot.org/citations/25555158), PubMed: [26912367](http://www.uniprot.org/citations/26912367), PubMed: [28502770](http://www.uniprot.org/citations/28502770), PubMed: [28781166](http://www.uniprot.org/citations/28781166)).

href="http://www.uniprot.org/citations/28076346" target="_blank">28076346, PubMed:32494006). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SNRPD2 Antibody (Center) Blocking Peptide - Images

SNRPD2 Antibody (Center) 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 (Center) Blocking Peptide - References

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