

SNRPD3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12451a**Specification**

SNRPD3 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P62318](#)**SNRPD3 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 6634**Other Names**

Small nuclear ribonucleoprotein Sm D3, Sm-D3, snRNP core protein D3, SNRPD3

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.

SNRPD3 Antibody (N-term) Blocking peptide - Protein Information**Name** SNRPD3**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, PubMed:18984161, PubMed:19325628, PubMed:25555158, PubMed:26912367, PubMed:28076346, PubMed:28502770, PubMed:28781166, PubMed:32494006). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:11991638, PubMed:28076346, PubMed:28502770, PubMed:28781166). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (PubMed:15146077).

target="_blank">15146077, PubMed:33509932). As part of the U7 snRNP it is involved in histone pre-mRNA 3'-end processing (By similarity).

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

SNRPD3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SNRPD3 Antibody (N-term) Blocking peptide - Images**SNRPD3 Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene belongs to the smallnuclear ribonucleoprotein core protein family. It is required forpre-mRNA splicing and small nuclear ribonucleoprotein biogenesis.

SNRPD3 Antibody (N-term) Blocking peptide - References

Gonsalvez, G.B., et al. J. Cell Biol. 178(5):733-740(2007)Ma, Y., et al. Structure 13(6):883-892(2005)Mahler, M., et al. Arthritis Res. Ther. 7 (1), R19-R29 (2005) :Ong, S.E., et al. Nat. Methods 1(2):119-126(2004)Ong, S.E., et al. Nat. Methods 1(2):119-126(2004)