

SMNDC1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9372a

Specification

SMNDC1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O75940](#)

SMNDC1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 10285

Other Names

Survival of motor neuron-related-splicing factor 30, 30 kDa splicing factor SMNrp, SMN-related protein, Survival motor neuron domain-containing protein 1, SMNDC1, SMNR, SPF30

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.

SMNDC1 Antibody (N-term) Blocking Peptide - Protein Information

Name SMNDC1

Synonyms SMNR, SPF30

Function

Involved in spliceosome assembly.

Cellular Location

Nucleus speckle. Nucleus, Cajal body. Note=Detected in nuclear speckles containing snRNP and in Cajal (coiled) bodies

Tissue Location

Detected at intermediate levels in skeletal muscle, and at low levels in heart and pancreas.

SMNDC1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SMNDC1 Antibody (N-term) Blocking Peptide - Images

SMNDC1 Antibody (N-term) Blocking Peptide - Background

This protein is a paralog of SMN1 gene, which encodes the survival motor neuron protein, mutations in which are cause of autosomal recessive proximal spinal muscular atrophy. The protein encoded by this gene is a nuclear protein that has been identified as a constituent of the spliceosome complex. This protein is differentially expressed, with abundant levels in skeletal muscle, and may share similar cellular function as the SMN1 gene.

SMNDC1 Antibody (N-term) Blocking Peptide - References

Little,J.T. J. Biol. Chem. 283 (13), 8145-8152 (2008)Ewing,R.M., Mol. Syst. Biol. 3, 89 (2007)Beausoleil,S.A., Nat. Biotechnol. 24 (10), 1285-1292 (2006)