

SNRNP70 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17045c**Specification**

SNRNP70 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P08621](#)**SNRNP70 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 6625**Other Names**

U1 small nuclear ribonucleoprotein 70 kDa, U1 snRNP 70 kDa, U1-70K, snRNP70, SNRNP70, RNPUIZ, RPU1, SNRP70, U1AP1

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.

SNRNP70 Antibody (Center) Blocking Peptide - Protein Information**Name** SNRNP70**Synonyms** RNPUIZ, RPU1, SNRP70, U1AP1**Function**

Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome (PubMed:19325628, PubMed:25555158). SNRNP70 binds to the loop I region of U1-snRNA (PubMed:2467746, PubMed:19325628, PubMed:25555158).

Cellular Location

Nucleus speckle. Nucleus, nucleoplasm. Note=Colocalizes with SCNM1 and LUC7L2 in nuclear speckles. {ECO:0000250|UniProtKB:Q62376}

SNRNP70 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SNRNP70 Antibody (Center) Blocking Peptide - Images

SNRNP70 Antibody (Center) Blocking Peptide - Background

SNRNP70 mediates the splicing of pre-mRNA by binding to the loop I region of U1-snRNA. The truncated isoforms cannot bind U1-snRNA.

SNRNP70 Antibody (Center) Blocking Peptide - References

Spiluttini, B., et al. J. Cell. Sci. 123 (PT 12), 2085-2093 (2010) :Tzang, B.S., et al. J. Biomed. Sci. 17, 40 (2010) :Parente Costa, L., et al. J. Autoimmun. 33(2):121-124(2009)Hernandez, H., et al. PLoS ONE 4 (9), E7202 (2009) :Palafox Sanchez, C.A., et al. Arthritis Res. Ther. 11 (1), R27 (2009) :