

**SNRPE Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10713c****Specification**

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**SNRPE Antibody (Center) Blocking peptide - Product Information**Primary Accession [P62304](#)**SNRPE Antibody (Center) Blocking peptide - Additional Information****Gene ID** 6635**Other Names**

Small nuclear ribonucleoprotein E, snRNP-E, Sm protein E, Sm-E, SmE, SNRPE

**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.

**SNRPE Antibody (Center) Blocking peptide - Protein Information****Name** SNRPE**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:<a href="http://www.uniprot.org/citations/11991638" target="\_blank">11991638</a>, PubMed:<a href="http://www.uniprot.org/citations/18984161" target="\_blank">18984161</a>, PubMed:<a href="http://www.uniprot.org/citations/19325628" target="\_blank">19325628</a>, PubMed:<a href="http://www.uniprot.org/citations/23246290" target="\_blank">23246290</a>, PubMed:<a href="http://www.uniprot.org/citations/23333303" target="\_blank">23333303</a>, PubMed:<a href="http://www.uniprot.org/citations/25555158" target="\_blank">25555158</a>, PubMed:<a href="http://www.uniprot.org/citations/26912367" target="\_blank">26912367</a>, PubMed:<a href="http://www.uniprot.org/citations/28076346" target="\_blank">28076346</a>, PubMed:<a href="http://www.uniprot.org/citations/28502770" target="\_blank">28502770</a>, PubMed:<a href="http://www.uniprot.org/citations/28781166" target="\_blank">28781166</a>, PubMed:<a href="http://www.uniprot.org/citations/32494006" target="\_blank">32494006</a>). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:<a href="http://www.uniprot.org/citations/11991638" target="\_blank">11991638</a>, PubMed:<a href="http://www.uniprot.org/citations/28076346" target="\_blank">28076346</a>, PubMed:<a href="http://www.uniprot.org/citations/28502770" target="\_blank">28502770</a>, PubMed:<a href="http://www.uniprot.org/citations/28781166" target="\_blank">28781166</a>).

As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (PubMed:<a href="http://www.uniprot.org/citations/15146077" target="\_blank">15146077</a>). As part of the U7 snRNP it is involved in histone 3'-end processing (PubMed:<a href="http://www.uniprot.org/citations/12975319" target="\_blank">12975319</a>).

**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.

**Tissue Location**

Widely expressed. In scalp skin, it is present in the hair follicle, the epidermis, and the dermis

**SNRPE Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**SNRPE Antibody (Center) Blocking peptide - Images****SNRPE Antibody (Center) Blocking peptide - Background**

Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Associated with snRNP U1, U2, U4/U6 and U5.

**SNRPE Antibody (Center) Blocking peptide - References**

Whittaker, S., et al. Cancer Res. 70(20):8036-8044(2010)Girlando, S., et al. Int. J. Surg. Pathol. 18(3):173-176(2010)Karreth, F.A., et al. Mol. Cell 36(3):477-486(2009)Argast, G.M., et al. Oncogene 28(30):2697-2709(2009)Karlou, M., et al. Pathology 41(4):327-334(2009)