

**SNRPE Antibody (Center) Blocking peptide**  
Synthetic peptide  
Catalog # BP10713c**Specification****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 role in pre-mRNA splicing as core  
component of the SMN- Sm complex that  
mediates spliceosomal snRNP assembly and  
as 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/ci**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)

tations/18984161" target="\_blank">18984161</a>, PubMed:<a href="http://www.uniprot.org/citations/23246290" target="\_blank">23246290</a>, PubMed:<a href="http://www.uniprot.org/citations/19325628" target="\_blank">19325628</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/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/28076346" target="\_blank">28076346</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/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/28076346" target="\_blank">28076346</a>). Is also a component of the minor U12 spliceosome (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>). May indirectly play a role in hair development (PubMed:<a href="http://www.uniprot.org/citations/23246290" target="\_blank">23246290</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](#)