

SNRPE antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14930

Specification

SNRPE antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P62304
Other Accession	NM_003094 , NP_003085
Reactivity	Human, Mouse, Rat, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10kDa KDa

SNRPE antibody - N-terminal region - Additional Information

Gene ID 6635

Alias Symbol	B-raf, SME, Sm-E
Other Names	
Small nuclear ribonucleoprotein E, snRNP-E, Sm protein E, Sm-E, SmE, SNRPE	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SNRPE antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SNRPE antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SNRPE antibody - N-terminal region - 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:11991638, PubMed:18984161, PubMed:23246290, PubMed:19325628, PubMed:23333303, PubMed:25555158, PubMed:25555158).

[26912367](http://www.uniprot.org/citations/26912367), PubMed: [28502770](http://www.uniprot.org/citations/28502770), PubMed: [28781166](http://www.uniprot.org/citations/28781166), PubMed: [28076346](http://www.uniprot.org/citations/28076346), PubMed: [32494006](http://www.uniprot.org/citations/32494006)). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed: [11991638](http://www.uniprot.org/citations/11991638), PubMed: [28502770](http://www.uniprot.org/citations/28502770), PubMed: [28781166](http://www.uniprot.org/citations/28781166), PubMed: [28076346](http://www.uniprot.org/citations/28076346)). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (PubMed: [15146077](http://www.uniprot.org/citations/15146077)). As part of the U7 snRNP it is involved in histone 3'-end processing (PubMed: [12975319](http://www.uniprot.org/citations/12975319)).

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

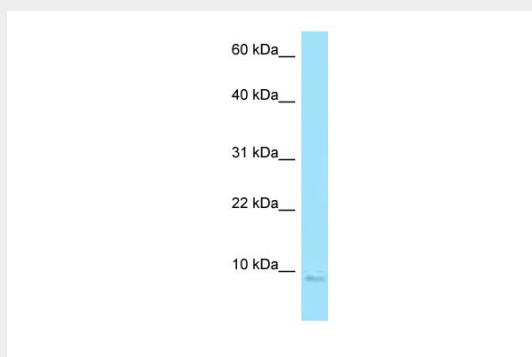
Widely expressed. In scalp skin, it is present in the hair follicle, the epidermis, and the dermis

SNRPE antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SNRPE antibody - N-terminal region - Images



WB Suggested Anti-SNRPE Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole Cell SNRPE is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

SNRPE antibody - N-terminal region - References

Stanford D.R.,et al.Nucleic Acids Res. 16:10593-10605(1988).
Stanford D.R.,et al.J. Biol. Chem. 263:17772-17779(1988).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Stanford D.R.,et al.J. Biol. Chem. 262:9931-9934(1987).