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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:<a

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

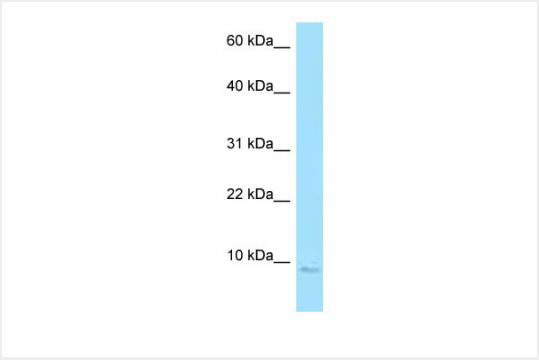
Tissue Location
Widely expressed. In scalp skin, it is present in the hair follicle, the epidermis, and the dermis

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 Cytomety
- Cell Culture

SNRPE antibody - N-terminal region - Images



WB Suggested Anti-SNRPE Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole CellSNRPE 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).
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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).