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SNRPE antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14930

Product Information

Application	WB
Primary Accession	P62304
Other Accession	NM_003094, NP_003085
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Guinea Pig, Bovine
Predicted	Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10804

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.

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:19325628, PubMed:23246290, PubMed:23333303, PubMed:25555158, PubMed:26912367, PubMed:28076346, PubMed:28502770, PubMed:28781166, PubMed:32494006). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:11991638, PubMed:28076346, PubMed:28502770, PubMed:28781166). 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

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).

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.