

Rabbit SNRPE Polyclonal Antibody | anti-SNRPE antibody

SNRPE Antibody

CATALOG # AAA327071	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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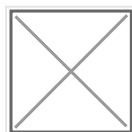
PRODUCT SYNONYMS

SNRPE; Polyclonal Antibody; SNRPE Antibody; AL022645; B raf; B-raf; Braf; C76690; HYPT11; RUXE_HUMAN; Sm protein E; Sm-E; Small nuclear ribonucleoprotein E; SmE; snRNP-E; snRNPE; snrpe; anti-SNRPE antibody

PRODUCT SPECIFICATIONS

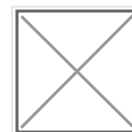
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SNRPE antibody detects endogenous levels of total SNRPE
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	84
Applicable Applications for anti-SNRPE antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SNRPE
Subcellular Location	Nucleus.
Tissue Specificity	Widely expressed. In scalp skin, it is present in the hair follicle, the epidermis, and the dermis.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (80%), Bovine (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327071 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Hepg2 whole cell lysates, using SNRPE Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SNRPE antibody	Function: Core component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. As part of the U7 snRNP it is involved in histone 3'-end processing. May indirectly play a role in hair development. Subunit Structure: U1 snRNP is for instance composed of the 7 core Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP, and at least three U1 snRNP-specific proteins SNRNP70/U1-70K, SNRPA/U1-A and SNRPC/U1-C. Component of the U11/U12 snRNPs that are part of the U12-type spliceosome. Component of the heptameric ring U7 snRNP complex, or U7 Sm protein core complex, at least composed of LSM10, LSM11, SNRPB, SNRPD3, SNRPE, SNRPF, SNRPG and U7 snRNA. Part of the SMN-Sm complex that contains SMN1, GEMIN2/SIP1, DDX20/GEMIN3, GEMIN4, GEMIN5, GEMIN6, GEMIN7, GEMIN8, STRAP/UNRIP and the Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG; catalyzes core snRNPs assembly. Forms a 6S pICln-Sm complex composed of CLNS1A/pICln, SNRPD1, SNRPD2, SNRPE, SNRPF and SNRPG; ring-like structure where CLNS1A/pICln mimics additional Sm proteins and which is unable to assemble into the core snRNP. Similarity: Belongs to the snRNP Sm proteins family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	751130453
NCBI GeneID	6635
NCBI Accession #	NP_001291393.1
NCBI GenBank Nucleotide #	NM_001304464.1
UniProt Accession #	P62304; P08578; Q15498; Q5BKT2; B2R5B9
Molecular Weight	Observed: 10 kDa Predicted: 11 kDa
NCBI Official Full Name	small nuclear ribonucleoprotein E isoform 2
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein polypeptide E
NCBI Official Symbol	SNRPE
NCBI Official Synonym Symbols	SME; Sm-E; HYPT11; snRNP-E
NCBI Protein Information	small nuclear ribonucleoprotein E
UniProt Protein Name	Small nuclear ribonucleoprotein E
UniProt Gene Name	SNRPE
UniProt Synonym Gene Names	snRNP-E; Sm-E; SmE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/snrpe-antibody-immunohistochemistry-western-blot-elisa/327071>