SNRPD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SNRPD2, Polyclonal Antibody
Full Product Name	SNRPD2 Polyclonal Conjugated Antibody
Product Gene Name	anti-SNRPD2 antibody
Product Synonym Names	SNRPD2 Conjugated Antibody; SNRPD2; SMD2; SNRPD1; Sm-D2; small nuclear ribonucleoprotein Sm D2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	12,399 Da
OMIM	601061
3D Structure	ModBase 3D Structure for P62316
Immunogen	Recombinant fusion protein of human SNRPD2 (NP_004588.1).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-SNRPD2 antibody	Most Applications
Application Notes for anti-SNRPD2 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-SNRPD2 antibody	The protein encoded by this gene belongs to the small nuclear ribonucleoprotein core protein family. It is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis. Multiple transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-SNRPD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SNRPD2 purchase	MBS9439877 is an antibody targeting SNRPD2. Also known as SNRPD2 Polyclonal Conjugated Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNRPD2. It may not necessarily be applicable to this product.

NCBI GI #	4759158
NCBI GeneID	6633
NCBI Accession #	NP_004588.1
UniProt Primary Accession #	P62316
UniProt Secondary Accession #	P43330; A8K797; J3KPM5
UniProt Related Accession #	P62316
GenBank Nucleotide #	NM_004597.5
NCBI Official Full Name	small nuclear ribonucleoprotein Sm D2 isoform 1
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D2 polypeptide 16.5kDa
NCBI Official Symbol	SNRPD2
NCBI Official Synonym Symbols	SMD2; Sm-D2; SNRPD1
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D2
UniProt Synonym Protein Names	snRNP core protein D2
Protein Family	Probable small nuclear ribonucleoprotein
UniProt Gene Name	SNRPD2
UniProt Synonym Gene Names	SNRPD1; Sm-D2
UniProt Entry Name	SMD2_HUMAN
NCBI Protein Information	small nuclear ribonucleoprotein Sm D2; snRNP core protein D2
UniProt Comments for SNRPD2	snRNP D2: Required for pre-mRNA splicing. Required for snRNP biogenesis. Belongs to the snRNP core protein family. Protein type: RNA splicing; Spliceosome Chromosomal Location of Human Ortholog: 19q13.2 Cellular Component: small nuclear ribonucleoprotein complex; nucleoplasm; spliceosome; snRNP U1; cytosol; U12-dependent spliceosome Molecular Function: protein binding Biological Process: nuclear mRNA splicing, via spliceosome; spliceosomal snRNP biogenesis; RNA splicing; spliceosome assembly; gene expression
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