SNRPD3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SNRPD3, Polyclonal Antibody
Full Product Name	SNRPD3 (C-Term) Rabbit pAb
Product Gene Name	anti-SNRPD3 antibody
Product Synonym Names	Small nuclear ribonucleoprotein Sm D3; Sm-D3; snRNP core protein D3; SNRPD3
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB23250
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	601062
3D Structure	ModBase 3D Structure for P62318
Immunogen	This SNRPD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-126 amino acids from the C-terminal region of human SNRPD3.
Cellular Localization	Cytoplasm, Nucleus, Spliceosome
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SNRPD3 antibody	Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS)
Application Notes for anti-SNRPD3 antibody	WB: 1:1000 IHC: 1:50-100 FC/FACS: 1:10-50
Related Product Information for anti-SNRPD3 antibody	MBS8555460 is an antibody targeting SNRPD3. Also known as SNRPD3 (C-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-SNRPD3 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNRPD3. It may not necessarily be applicable to this product.

NCBI GI #	521258690
NCBI GeneID	6634
NCBI Accession #	NP_001265585.1
UniProt Primary Accession #	P62318

UniProt Related Accession #	P62318
GenBank Nucleotide #	NP_001265585.1
NCBI Official Full Name	small nuclear ribonucleoprotein Sm D3
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D3 polypeptide
NCBI Official Symbol	SNRPD3
NCBI Official Synonym Symbols	SMD3; Sm-D3
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D3
UniProt Synonym Protein Names	snRNP core protein D3
UniProt Gene Name	SNRPD3
UniProt Synonym Gene Names	Sm-D3
UniProt Entry Name	SMD3_HUMAN
NCBI Protein Information	small nuclear ribonucleoprotein Sm D3
NCBI Summary for SNRPD3	This gene encodes a core component of the spliceosome, which is a nuclear ribonucleoprotein complex that functions in pre-mRNA splicing. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
UniProt Comments for SNRPD3	snRNP D3: Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner. Belongs to the snRNP core protein family. Protein type: Spliceosome; RNA splicing; RNA-binding Chromosomal Location of Human Ortholog: 22q11.23 Cellular Component: small nuclear ribonucleoprotein complex; nucleoplasm; spliceosome; cytoplasm; snRNP U1; cytosol; U12-dependent spliceosome Molecular Function: protein binding; enzyme binding Biological Process: transcription from RNA polymerase II promoter; nuclear mRNA splicing, via spliceosome; spliceosomal snRNP biogenesis; RNA splicing; histone mRNA metabolic process; gene expression; mRNA 3'-end processing; termination of RNA polymerase II transcription
Research Articles on SNRPD3	**1.** The dimethylated arginine residues play an essential role in the formation of major SmD3 autoepitopes. 1 particular peptide of SmD3 represents a more sensitive and more reliable substrate for the detection of a subclass of anti-Sm antibodies.
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