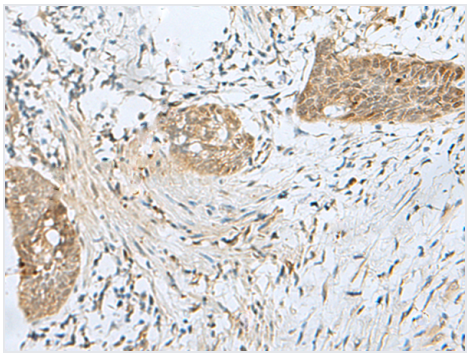
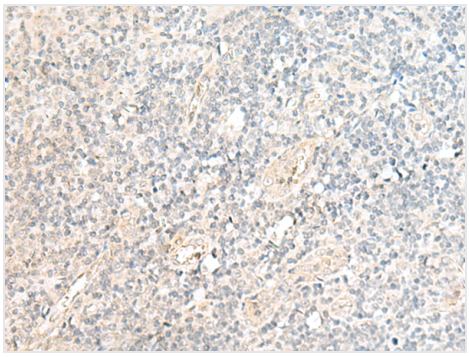
SNRPD1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SNRPD1, Polyclonal Antibody
Full Product Name	SNRPD1 Polyclonal Antibody
Product Gene Name	anti-SNRPD1 antibody
Product Synonym Names	AA407109; AL023031; HsT2456; Sm D1; Sm-D autoantigen; Sm-D1; Small nuclear ribonucleoprotein D1 polypeptide; Small nuclear ribonucleoprotein Sm D1; SmD autoantigen; SMD1; SMD1; SnRNP core protein D1; SNRPD; Snrpd1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	1.26mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	601063
3D Structure	ModBase 3D Structure for P62314
Immunogen	Fusion protein of human SNRPD1
Conjugation	Unconjugated
Product Categories/Family for anti-SNRPD1 antibody	Epigenetics and Nuclear Signaling; Immunology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SNRPD1 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-SNRPD1 antibody	IHC: 1:40-1:200 ELISA: 1:5000-1:10000
Related Product Information for anti-SNRPD1 antibody	This gene encodes a small nuclear ribonucleoprotein that belongs to the SNRNP core protein family. The protein may act as a charged protein scaffold to promote SNRNP assembly or strengthen SNRNP-SNRNP interactions through nonspecific electrostatic contacts with RNA. Two transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-SNRPD1 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 SNRPD1 purchase	MBS2560773 is an antibody targeting SNRPD1. Also known as SNRPD1 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-SNRPD1 antibody
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using SNRPD1 Polyclonal Antibody at dilution of 1:70(×200)



Immunohistochemistry (IHC) of anti-SNRPD1 antibody
Immunohistochemistry of paraffin-embedded Human tonsil tissue using SNRPD1 Polyclonal Antibody at dilution of 1:70(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNRPD1. It may not necessarily be applicable to this product.

NCBI GI #	119621535
NCBI GeneID	6632
NCBI Accession #	EAX01130.1
NCBI Related Accession #	BC001721
UniProt Primary Accession #	P62314
UniProt Related Accession #	P62314
NCBI Official Full Name	small nuclear ribonucleoprotein D1 polypeptide 16kDa
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D1 polypeptide
NCBI Official Symbol	SNRPD1
NCBI Official Synonym Symbols	SMD1; SNRPD; Sm-D1; HsT2456
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D1
UniProt Synonym Protein Names	Sm-D autoantigen; snRNP core protein D1
Protein Family	Small nuclear ribonucleoprotein
UniProt Gene Name	SNRPD1
UniProt Synonym Gene Names	Sm-D1
UniProt Entry Name	SMD1_HUMAN
NCBI Protein Information	small nuclear ribonucleoprotein Sm D1
UniProt Comments for SNRPD1	snRNP D1: May act as a charged protein scaffold to promote snRNP assembly or strengthen snRNP-snRNP interactions through nonspecific electrostatic contacts with RNA. Belongs to the snRNP core protein family. Protein type: Spliceosome; RNA splicing; RNA-binding Chromosomal Location of Human Ortholog: 18q11.2 Cellular Component: small nuclear ribonucleoprotein complex; nucleoplasm; snRNP U1; cytosol; nucleus; U12-dependent spliceosome Molecular Function: protein binding; RNA binding Biological Process: nuclear mRNA splicing, via spliceosome; spliceosomal snRNP biogenesis; RNA splicing; spliceosome assembly; gene expression

Research Articles on SNRPD1	**1.** Anti-SmD1 antibodies are associated with renal disorder, seizures, and pulmonary arterial hypertension in Chinese patients with active systemic lupus erythematosus.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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