

Rabbit anti-Human SNRPD1 Polyclonal Antibody | anti-SNRPD1 antibody

SNRPD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230473	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

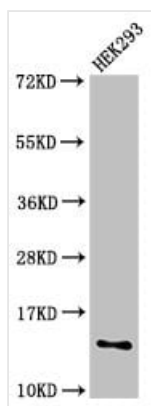
PRODUCT SYNONYMS

SNRPD1; Polyclonal Antibody; SNRPD1 Antibody; Small nuclear ribonucleoprotein Sm D1; Sm-D1; Sm-D autoantigen; snRNP core protein D1; anti-SNRPD1 antibody

PRODUCT SPECIFICATIONS

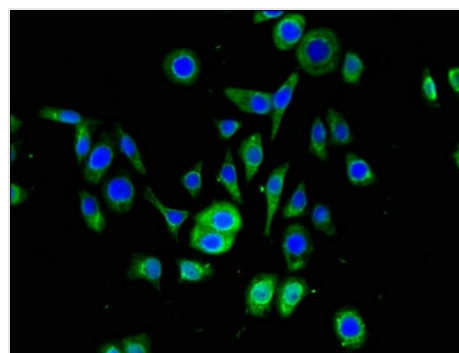
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	78
Applicable Applications for anti-SNRPD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Small nuclear ribonucleoprotein Sm D1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20822
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



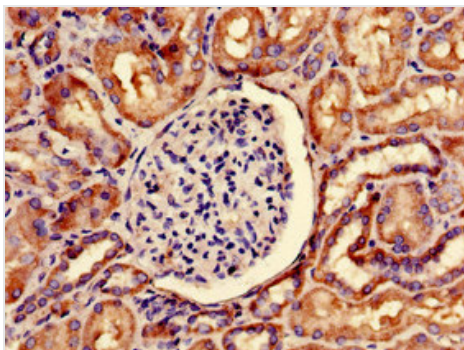
WB (Western Blot)

Western BlotPositive WB detected in: HEK293 whole cell lysateAll lanes: SNRPD1 antibody at 2.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 14 KDaObserved band size: 14 KDa



IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA230473 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230473 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SNRPD1 antibody	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 an heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. May act as a charged protein scaffold to promote snRNP assembly or strengthen snRNP-snRNP interactions through nonspecific electrostatic contacts with RNA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	632794837
NCBI GeneID	6632
NCBI Accession #	NP_001278845.1
NCBI GenBank Nucleotide #	NM_001291916.1
UniProt Accession #	P62314; P13641; B5BTZ1
Molecular Weight	13,282 Da
NCBI Official Full Name	small nuclear ribonucleoprotein Sm D1 isoform 2
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D1 polypeptide
NCBI Official Symbol	SNRPD1
NCBI Official Synonym Symbols	SMD1; SNRPD; Sm-D1; HsT2456
NCBI Protein Information	small nuclear ribonucleoprotein Sm D1
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D1
UniProt Gene Name	SNRPD1
UniProt Synonym Gene Names	Sm-D1
UniProt Entry Name	SMD1_HUMAN

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.