



# Rabbit Anti-Human SNRPD1 Polyclonal Antibody (CABT-L2124)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Small Nuclear Ribonucleoprotein Polypeptide D1 (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against SNRPD1. It has been selected for its ability to recognize SNRPD1 in immunohistochemical staining and western blotting.
<b>Target</b>	SNRPD1
<b>Immunogen</b>	Recombinant fragment corresponding to human SNRPD1 (Met1~Arg119)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Rat, Pig
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags
<b>Warnings</b>	For research use only.

## BACKGROUND

<b>Introduction</b>	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. [provided by RefSeq, May 2014]
<b>Keywords</b>	SMD1;SNRP-D1;Sm-D autoantigen;snRNP core protein D1

## GENE INFORMATION

<b>Gene Name</b>	SNRPD1 small nuclear ribonucleoprotein D1 polypeptide 16kDa [ Homo sapiens (human) ]
<b>Official Symbol</b>	SNRPD1
<b>Synonyms</b>	SNRPD1; small nuclear ribonucleoprotein D1 polypeptide 16kDa; SMD1; SNRPD; Sm-D1; HsT2456; small nuclear ribonucleoprotein Sm D1; Sm-D autoantigen; snRNP core protein D1; small nuclear ribonucleoprotein D1 polypeptide 16kDa pseudogene;
<b>Entrez Gene ID</b>	<a href="#">6632</a>
<b>Protein Refseq</b>	NP_001278845
<b>UniProt ID</b>	<a href="#">P62314</a>
<b>Chromosome Location</b>	18q11.2
<b>Pathway</b>	Gene Expression; Metabolism of non-coding RNA; Processing of Capped Intron-Containing Pre-mRNA; Sm core complex; Spliceosome; Spliceosome, 35S U5-snRNP; Spliceosome, U1-snRNP; Spliceosome, U2-snRNP;
<b>Function</b>	RNA binding; poly(A) RNA binding; protein binding;