

**Anti-SNRPD3 Antibody**  
**Rabbit polyclonal antibody to SNRPD3**  
**Catalog # AP59938**

**Specification**

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**Anti-SNRPD3 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P62318</a>
Other Accession	<a href="#">P62320</a>
Reactivity	<b>Human, Mouse, Rat, Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>13916</b>

**Anti-SNRPD3 Antibody - Additional Information**

**Gene ID** 6634

**Other Names**

Small nuclear ribonucleoprotein Sm D3; Sm-D3; snRNP core protein D3

**Target/Specificity**

Recognizes endogenous levels of SNRPD3 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-SNRPD3 Antibody - Protein Information**

**Name** SNRPD3

**Function**

Plays a role in pre-mRNA splicing as a core component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome (PubMed:<a href="http://www.uniprot.org/citations/11991638" target="\_blank">11991638</a>, PubMed:<a href="http://www.uniprot.org/citations/18984161" target="\_blank">18984161</a>, PubMed:<a href="http://www.uniprot.org/citations/19325628" target="\_blank">19325628</a>, PubMed:<a href="http://www.uniprot.org/citations/25555158" target="\_blank">25555158</a>, PubMed:<a href="http://www.uniprot.org/citations/26912367" target="\_blank">26912367</a>, PubMed:<a href="http://www.uniprot.org/citations/28076346" target="\_blank">28076346</a>, PubMed:<a href="http://www.uniprot.org/citations/28502770" target="\_blank">28502770</a>, PubMed:<a

<http://www.uniprot.org/citations/28781166> target="\_blank">28781166</a>, PubMed:<a href="http://www.uniprot.org/citations/32494006" target="\_blank">32494006</a>). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:<a href="http://www.uniprot.org/citations/11991638" target="\_blank">11991638</a>, PubMed:<a href="http://www.uniprot.org/citations/28076346" target="\_blank">28076346</a>, PubMed:<a href="http://www.uniprot.org/citations/28502770" target="\_blank">28502770</a>, PubMed:<a href="http://www.uniprot.org/citations/28781166" target="\_blank">28781166</a>). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (PubMed:<a href="http://www.uniprot.org/citations/15146077" target="\_blank">15146077</a>, PubMed:<a href="http://www.uniprot.org/citations/33509932" target="\_blank">33509932</a>). As part of the U7 snRNP it is involved in histone pre-mRNA 3'-end processing (By similarity).

#### Cellular Location

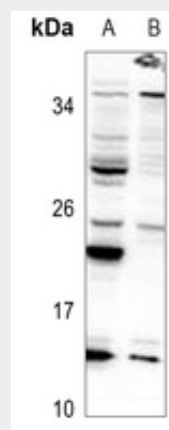
Cytoplasm, cytosol. Nucleus. Note=SMN- mediated assembly into core snRNPs occurs in the cytosol before SMN- mediated transport to the nucleus to be included in spliceosomes

#### Anti-SNRPD3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Anti-SNRPD3 Antibody - Images



Western blot analysis of SNRPD3 expression in A549 (A), U87MG (B) whole cell lysates.

#### Anti-SNRPD3 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SNRPD3. The exact sequence is proprietary.