

## Rabbit SNRPD1 Polyclonal Antibody | anti-SNRPD1 antibody

SNRPD1 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                               | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------------------------|------------------------------------|
| AAA198741 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish | Western Blot, Immunohistochemistry |

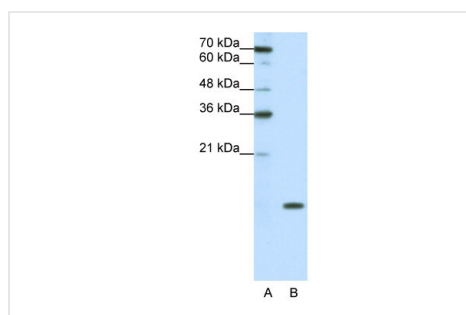
### PRODUCT SYNONYMS

SNRPD1; Polyclonal Antibody; SNRPD1 antibody - N-terminal region; anti-SNRPD1 antibody

### PRODUCT SPECIFICATIONS

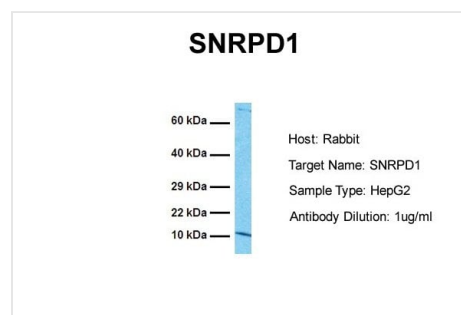
|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish                                                                              |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Purity/Purification                              | Affinity Purified                                                                                                                                     |
| Form/Format                                      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                         | Synthetic peptide located within the following region: NG TQVHGTTGV DVSMNTHLKA VKMTLKNREP VQLETLSIRG NNIRYFIL                                         |
| Sequence Length                                  | 119                                                                                                                                                   |
| Applicable Applications for anti-SNRPD1 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                         | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 79%; Zebrafish: 86%                    |
| Immunogen                                        | The immunogen is a synthetic peptide directed towards the N terminal region of human SNRPD1                                                           |
| Preparation and Storage                          | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



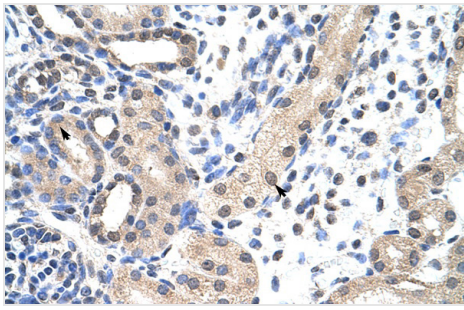
#### WB (Western Blot)

WB Suggested Anti-SNRPD1 Antibody Titration: 0.2-1 ug/ml  
 ELISA Titer: 1:312500  
 Positive Control: Jurkat cell lysate  
 SNRPD1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

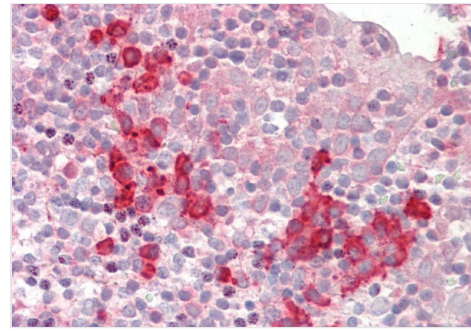


#### WB (Western Blot)

Host: Rabbit  
 Target Name: SNRPD1  
 Sample Tissue: Human HepG2  
 Antibody Dilution: 1.0ug/ml



**IHC (Immunohistochemistry)**  
 Rabbit Anti-SNRPD1 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data:  
 Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



**IHC (Immunohistochemistry)**  
 Rabbit Anti-SNRPD1 antibody Formalin Fixed Paraffin Embedded Tissue: Human Tonsil  
 Primary antibody Concentration: 1:200 Secondary Antibody: Donkey anti-Rabbit-Cy3  
 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-SNRPD1 antibody</b> | <p>This is a rabbit polyclonal antibody against SNRPD1. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: SNRPD1 is 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. 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.</p> |
| <b>Product Categories/Family for anti-SNRPD1 antibody</b>   | <a href="#">Polyclonal</a> ; <a href="#">RNA Binding Proteins</a> ; <a href="#">Drugs and Drug Metabolism</a> ; <a href="#">Chromatin &amp; Nuclear Signaling</a> ; <a href="#">Immunohistochemistry</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">5902102</a>                         |
| <b>NCBI GeneID</b>                      | <a href="#">6632</a>                            |
| <b>NCBI Accession #</b>                 | <a href="#">NP_008869</a>                       |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_006938</a>                       |
| <b>UniProt Accession #</b>              | <a href="#">P62314</a>                          |
| <b>Molecular Weight</b>                 | 13kDa                                           |
| <b>NCBI Official Full Name</b>          | small nuclear ribonucleoprotein Sm D1 isoform 1 |
| <b>NCBI Official Synonym Full Names</b> | small nuclear ribonucleoprotein D1 polypeptide  |
| <b>NCBI Official Symbol</b>             | SNRPD1                                          |
| <b>NCBI Official Synonym Symbols</b>    | SMD1; SNRPD; Sm-D1; HsT2456                     |
| <b>NCBI Protein Information</b>         | small nuclear ribonucleoprotein Sm D1           |
| <b>UniProt Protein Name</b>             | Small nuclear ribonucleoprotein Sm D1           |
| <b>UniProt Gene Name</b>                | <b>SNRPD1</b>                                   |
| <b>UniProt Synonym Gene Names</b>       | Sm-D1                                           |
| <b>UniProt Entry Name</b>               | 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.

