

## Rabbit Small Nuclear Ribonucleoprotein Polypeptide D1 Polyclonal Antibody | anti-SNRPD1 antibody

Polyclonal Antibody to Small Nuclear Ribonucleoprotein Polypeptide D1 (SNRPD1)

| CATALOG # | HOST   | REACTIVITY      | APPLICATIONS                                                   |
|-----------|--------|-----------------|----------------------------------------------------------------|
| AAA20883  | Rabbit | Human, Rat, Pig | Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

Small Nuclear Ribonucleoprotein Polypeptide D1; Polyclonal Antibody; Polyclonal Antibody to Small Nuclear Ribonucleoprotein Polypeptide D1 (SNRPD1); anti-SNRPD1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                       | Human, Rat, Pig                                                                                                                                                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                                     |
| Specificity                                      | 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.                                                                                                                                             |
| Purity/Purification                              | Affinity Chromatography                                                                                                                                                                                                                                                                                                        |
| Form/Format                                      | Liquid                                                                                                                                                                                                                                                                                                                         |
| Concentration                                    | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                       |
| Sequence                                         | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGSGSE F-MKLVRFLM KLSHETVTIE LKNGTQVHGT<br>ITGVDVSMNT HLKAVKMTLK NREPQLETL SIRGNIRYF ILPDSLPLDT LL                                                                          |
| Applicable Applications for anti-SNRPD1 antibody | WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA                                                                                                                                                                                                                                                |
| Application Notes                                | Western blotting: 1-5ug/mL<br>Immunocytochemistry in formalin fixed cells: 5-20ug/mL<br>Immunohistochemistry in formalin fixed frozen section: 5-20ug/mL<br>Immunohistochemistry in paraffin section: 5-20ug/mL<br>Enzyme-linked Immunosorbent Assay: 0.05-2ug/mL<br>Optimal working dilutions must be determined by end user. |
| Fragment                                         | SNRPD1 (Met1~Arg119)                                                                                                                                                                                                                                                                                                           |
| Organism Species                                 | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                           |
| Cross Reactivity                                 | Human, Rat, Pig                                                                                                                                                                                                                                                                                                                |
| Conjugate                                        | No Conjugate                                                                                                                                                                                                                                                                                                                   |
| Immunogen                                        | Recombinant SNRPD1 (Met1~Arg119) expressed in E. coli.                                                                                                                                                                                                                                                                         |
| Preparation and Storage                          | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                  |

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: SNRPD1 knockout Jurkat cell lysate; Predicted MW: 13kd Observed MW: 16kd Primary Ab: 1ug/ml Rabbit Anti-Human SNRPD1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody ( Human.



WB (Western Blot)

Western Blot: Lane1: Human HL-60 Cells; Lane2: Human Jurkat Cells; Lane3: Rat Testis Tissue; Lane4: Porcine Kidney Tissue.

ADDITIONAL INFORMATION

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| Product Categories/Family for anti-SNRPD1 antibody | Knock-Out Validation Antibody |
|----------------------------------------------------|-------------------------------|

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                                           |

**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.

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