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Datasheet for ABIN2778715

## anti-SNRNP70 antibody (N-Term)

4 Images

2 Publications

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | SNRNP70   |
| Binding Specificity: | N-Term  |
| Reactivity:          | Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Horse |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This SNRNP70 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC)                               |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human SNRNP70                            |
| Sequence:             | PHNDPNAQGD AFKTLFVARV NYDTTESKLR REFEVYGPIK RIHMVYSKRS  |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% |
| Characteristics:      | This is a rabbit polyclonal antibody against SNRNP70. It was validated on Western Blot and immunohistochemistry.        |
| Purification:         | Affinity Purified   |

### Target Details

|         |         |
|---------|---------|
| Target: | SNRNP70 |
|---------|---------|

## Target Details

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|                   |  |
|-------------------|--|
| Alternative Name: | SNRP70 ( <a href="#">SNRNP70 Products</a> )  |
| Background:       | <p>SNRP70 contains 1 RRM (RNA recognition motif) domain and mediates the splicing of pre-mRNA by binding to the loop I region of U1-snRNA. Western blots using two different antibodies against two unique regions of this protein target confirm the same apparent molecular weight in our tests.</p> <p>Alias Symbols: RPU1, Snp1, U1AP, U170K, U1RNP, RNPU1Z, SNRP70, U1-70K</p> <p>Protein Interaction Partner: IL32, UBC, NEDD8, LIN28A, EZH2, SUZ12, EED, RNF2, rev, WBP4, SRPK2, SRPK1, MYC, SRPK3, HDAC2, PAN2, SMURF2, PRPF40A, CDKL3, RNF11, PRKD2, SKIL, RELA, RASGRF1, SMAD9, SMAD5, SMAD4, SMAD3, SMAD2, CHERP, PRMT5, UBL4A, VCAM1, SMAD1, ITGA4, IL7R, IFIT3, IFIT1,</p> <p>Protein Size: 437</p> |
| Molecular Weight: | 52 kDa   |
| Gene ID:          | 6625   |
| NCBI Accession:   | <a href="#">NM_003089</a> , <a href="#">NP_003080</a>  |
| UniProt:          | <a href="#">P08621</a>   |

## Application Details

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|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 437 AA   |
| Restrictions:      | For Research Use only  |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | Lot specific   |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.   |

## Handling

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

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Product cited in: Wang, Mueller, Hertel, Cambi: "G Run-mediated recognition of proteolipid protein and DM20 5' splice sites by U1 small nuclear RNA is regulated by context and proximity to the splice site." in: **The Journal of biological chemistry**, Vol. 286, Issue 6, pp. 4059-71, (2011) ([PubMed](#)).

Wang, Cambi: "Heterogeneous nuclear ribonucleoproteins H and F regulate the proteolipid protein/DM20 ratio by recruiting U1 small nuclear ribonucleoprotein through a complex array of G runs." in: **The Journal of biological chemistry**, Vol. 284, Issue 17, pp. 11194-204, (2009) ([PubMed](#)).

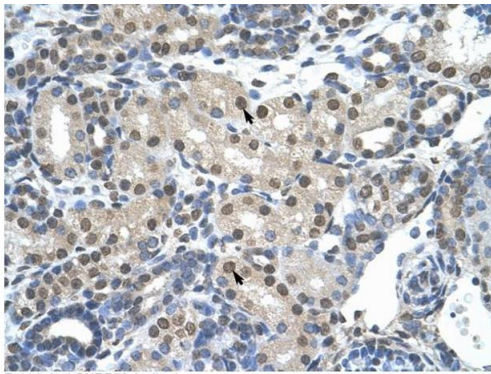
## Images

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### Western Blotting

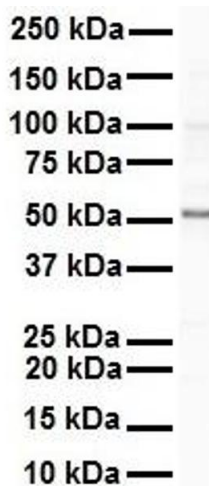
**Image 1.** WB Suggested Anti-SNRNP70 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate SNRNP70 is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-SNRP70 Antibody  
Catalog Number: ARP40275  
Lot Number: QC10642  
Paraffin Embedded Tissue: Human Kidney  
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

Image 2.



### Western Blotting

Image 3. WB Suggested Anti-SNRP70 antibody Titration: 1 ug/mL Sample Type: Human Raji

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2778715.