

## Rabbit anti-Human MRPL18 Polyclonal Antibody | anti-MRPL18 antibody

MRPL18 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA230339</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

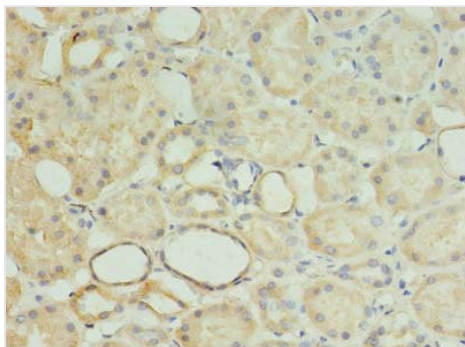
### PRODUCT SYNONYMS

MRPL18; Polyclonal Antibody; MRPL18 Antibody; 39S ribosomal protein L18; mitochondrial; L18mt; MRP-L18; HSPC071; anti-MRPL18 antibody

### PRODUCT SPECIFICATIONS

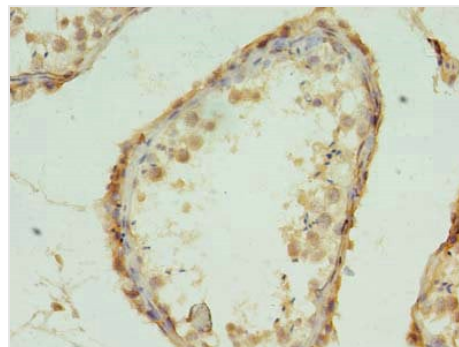
|                                                  |                                                                                        |
|--------------------------------------------------|----------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                 |
| Reactivity                                       | Human                                                                                  |
| Clonality                                        | Polyclonal                                                                             |
| Isotype                                          | IgG                                                                                    |
| Purity/Purification                              | >95%, Protein G purified                                                               |
| Form/Format                                      | Liquid; Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| Sequence Length                                  | 180                                                                                    |
| Applicable Applications for anti-MRPL18 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                   |
| Immunogen                                        | Recombinant human 39S ribosomal protein L18, mitochondrial protein                     |
| Immunogen Species                                | Homo sapiens (Human)                                                                   |
| Research Area                                    | Tags and Cell Markers                                                                  |
| Target Names                                     | MRPL18                                                                                 |
| Conjugation                                      | Non-conjugated                                                                         |
| Preparation and Storage                          | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.            |

### IMAGES



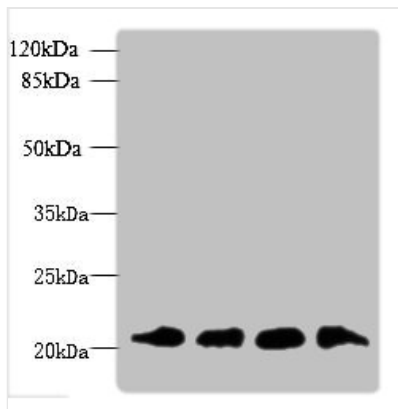
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230339 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA230339 at dilution of 1:100



#### WB (Western Blot)

Western blotAll lanes: MRPL18 antibody at 8ug/mlLane 1: U251 whole cell lysateLane 2: Thp-1 whole cell lysateLane 3: PC-3 whole cell lysateLane 4: U87 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 21 kDaObserved band size: 21 kDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-MRPL18 antibody

Together with thiosulfate sulfurtransferase (TST), acts as a mitochondrial import factor for the cytosolic 5S rRNA. The precursor form shows RNA chaperone activity; is able to fold the 5S rRNA into an import-competent conformation that is recognized by rhodanese (TST). Both the cytoplasmic and mitochondrial forms are able to bind to the helix IV-loop D in the gamma domain of the 5S rRNA.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 21265080                                           |
| NCBI GeneID                      | 29074                                              |
| NCBI Accession #                 | NP_054880.2                                        |
| NCBI GenBank Nucleotide #        | NM_014161.4                                        |
| UniProt Accession #              | Q9H0U6; Q5TAP9; Q9NZW8                             |
| NCBI Official Full Name          | 39S ribosomal protein L18, mitochondrial isoform 1 |
| NCBI Official Synonym Full Names | mitochondrial ribosomal protein L18                |
| NCBI Official Symbol             | MRPL18                                             |
| NCBI Official Synonym Symbols    | L18mt; HSPC071; MRP-L18                            |
| NCBI Protein Information         | 39S ribosomal protein L18, mitochondrial           |
| UniProt Protein Name             | 39S ribosomal protein L18, mitochondrial           |
| UniProt Gene Name                | <b>MRPL18</b>                                      |
| UniProt Synonym Gene Names       | L18mt; MRP-L18                                     |
| UniProt Entry Name               | RM18_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mrpl18-antibody-immunohistochemistry-western-blot-elisa/230339>