

## Rabbit MRPL51 Polyclonal Antibody | anti-MRPL51 antibody

Anti-MRPL51 Antibody

|                               |                       |                                                |                                                           |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA292756</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat, Monkey</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

MRPL51; Polyclonal Antibody; Anti-MRPL51 Antibody; MRP64; 39S ribosomal protein L51 mitochondrial; L51mt; MRP-L51; bMRP-64; bMRP64; anti-MRPL51 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat, Monkey                                                                                                                             |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-MRPL51 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/100 - 1/200) Immunohistochemical analysis of MRPL51 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/200) Western blot analysis of MRPL51 expression in Jurkat (A), rat testis (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MRPL51 antibody | Rabbit polyclonal antibody to MRPL51<br>KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MRPL51. The exact sequence is proprietary. |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | 16950607                       |
| NCBI GeneID               | 51258                          |
| NCBI Accession #          | NP_057581.2                    |
| NCBI GenBank Nucleotide # | NM_016497.3                    |
| UniProt Accession #       | Q4U2R6; Q96Q57; Q9BQ36; Q9P0N7 |
| Molecular Weight          | 15,095 Da                      |

|                                  |                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Full Name          | 39S ribosomal protein L51, mitochondrial                                                                                                      |
| NCBI Official Synonym Full Names | mitochondrial ribosomal protein L51                                                                                                           |
| NCBI Official Symbol             | MRPL51                                                                                                                                        |
| NCBI Official Synonym Symbols    | CDA09; MRP64; bMRP64; HSPC241                                                                                                                 |
| NCBI Protein Information         | 39S ribosomal protein L51, mitochondrial; L51mt; MRP-L51; bMRP-64; mitochondrial ribosomal protein 64; mitochondrial ribosomal protein bMRP64 |
| UniProt Protein Name             | 39S ribosomal protein L51, mitochondrial                                                                                                      |
| UniProt Gene Name                | <b>MRPL51</b>                                                                                                                                 |
| UniProt Synonym Gene Names       | MRP64; L51mt; MRP-L51; bMRP64                                                                                                                 |
| UniProt Entry Name               | RM51_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://stage.aaabiotech.com/polyclonal/mrpl51-antibody-immunohistochemistry-western-blot-elisa/292756>