

## Rabbit MT-CYB Polyclonal Antibody | anti-MT-CYB antibody

MT-CYB Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA179627</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

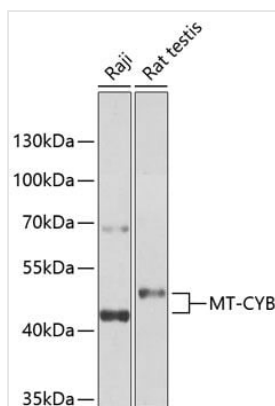
### PRODUCT SYNONYMS

MT-CYB; Polyclonal Antibody; MT-CYB Polyclonal Antibody; MTCYB; CYTB; Mt-Cyb; anti-MT-CYB antibody

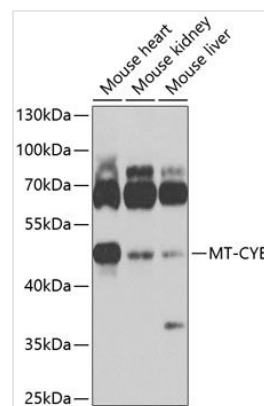
### PRODUCT SPECIFICATIONS

|                                                  |                                                           |
|--------------------------------------------------|-----------------------------------------------------------|
| Host                                             | Rabbit                                                    |
| Reactivity                                       | Human, Mouse, Rat                                         |
| Clonality                                        | Polyclonal                                                |
| Isotype                                          | IgG                                                       |
| Purity/Purification                              | Affinity purification                                     |
| Form/Format                                      | PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.        |
| Concentration                                    | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-MT-CYB antibody | WB (Western Blot)                                         |
| Immunogen                                        | A synthetic peptide of mouse MT-CYB                       |
| Preparation and Storage                          | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines using MT-CYB Polyclonal Antibody at 1:1000 dilution.


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Western blot analysis of extracts of various cell lines using MT-CYB Polyclonal Antibody at 1:1000 dilution.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-MT-CYB antibody

Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex that is part of the mitochondrial respiratory chain. The b-c1 complex mediates electron transfer from ubiquinol to cytochrome c. Contributes to the generation of a proton gradient across the mitochondrial membrane that is then used for ATP synthesis.

Product Categories/Family for anti-MT-CYB antibody

Antibodies; Primary Antibodies; Polyclonal Antibody

## NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 34538610                     |
| NCBI GeneID                      | 17711                        |
| NCBI Accession #                 | NP_904340.1                  |
| NCBI GenBank Nucleotide #        | NC_005089.1                  |
| UniProt Accession #              | P00158                       |
| Molecular Weight                 | 43,210 Da                    |
| NCBI Official Full Name          | cytochrome b (mitochondrion) |
| NCBI Official Synonym Full Names | cytochrome b, mitochondrial  |
| NCBI Official Symbol             | mt-Cytb                      |
| NCBI Official Synonym Symbols    | CYTB                         |
| NCBI Protein Information         | cytochrome b                 |
| UniProt Protein Name             | Cytochrome b                 |
| UniProt Gene Name                | <b>Mt-Cyb</b>                |
| UniProt Synonym Gene Names       | Cob; Cytb; mt-Cytb; Mtcyb    |
| UniProt Entry Name               | CYB_MOUSE                    |

**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/mt-cyb-antibody-western-blot-elisa/179627>