

## Rabbit MT-CO3 Polyclonal Antibody | anti-MT-CO3 antibody

MT-CO3 Rabbit pAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA281935 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

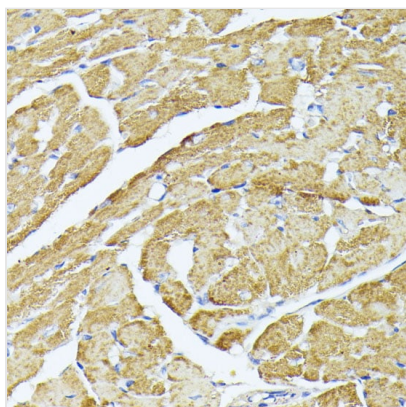
### PRODUCT SYNONYMS

MT-CO3; Polyclonal Antibody; MT-CO3 Rabbit pAb; COIII; MTCO3; COX3; anti-MT-CO3 antibody

### PRODUCT SPECIFICATIONS

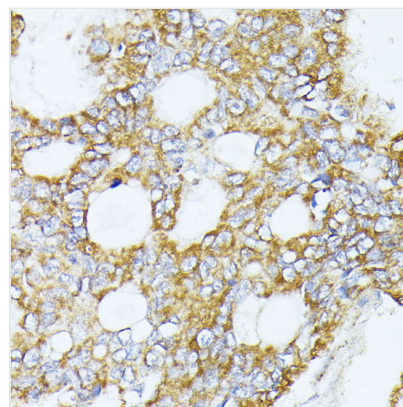
|                                                  |                                                                        |
|--------------------------------------------------|------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                 |
| Reactivity                                       | Human, Mouse, Rat                                                      |
| Clonality                                        | Polyclonal                                                             |
| Isotype                                          | IgG                                                                    |
| Purity/Purification                              | Affinity purification                                                  |
| Form/Format                                      | PBS with 0.05% proclin300,50% glycerol,pH7.3.                          |
| Applicable Applications for anti-MT-CO3 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                        | Recombinant protein of human MT-CO3.                                   |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

### IMAGES



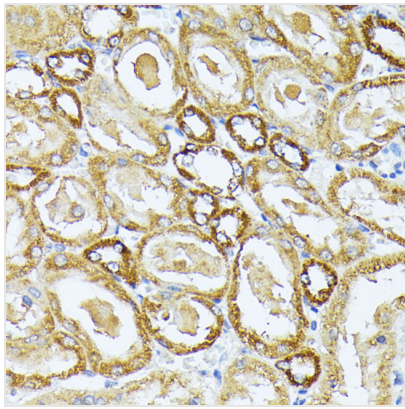
#### IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse heart using MT-CO3 antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using MT-CO3 antibody at dilution of 1:100 (40x lens).



**IHC (Immunohistochemistry)**  
 Immunohistochemistry of paraffin-embedded rat kidney using MT-CO3 antibody at dilution of 1:100 (40x lens).

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-MT-CO3 antibody | Endocrine & Metabolism; Mitochondrial metabolism; Cytochromes; Research; Endocrine & Metabolism; Mitochondrial metabolism; Mitochondrial markers; Research; Endocrine & Metabolism; Mitochondrial metabolism; Oxidative phosphorylation; Research; Endocrine & |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 251831113                                                  |
| NCBI GeneID                      | 4514                                                       |
| NCBI Accession #                 | YP_003024032.1                                             |
| NCBI GenBank Nucleotide #        | NC_012920.1                                                |
| UniProt Accession #              | P00414; Q14Y83; Q7GIM7                                     |
| Molecular Weight                 | 29,951 Da                                                  |
| NCBI Official Full Name          | cytochrome c oxidase subunit III                           |
| NCBI Official Synonym Full Names | mitochondrially encoded cytochrome c oxidase III           |
| NCBI Official Symbol             | MT-CO3                                                     |
| NCBI Official Synonym Symbols    | COIII; MTCO3; COX3                                         |
| NCBI Protein Information         | cytochrome c oxidase III; cytochrome c oxidase subunit III |
| UniProt Protein Name             | Cytochrome c oxidase subunit 3                             |
| UniProt Gene Name                | <b>MT-CO3</b>                                              |
| UniProt Synonym Gene Names       | COIII; COXIII; MTCO3                                       |
| UniProt Entry Name               | COX3_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.