

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

MT-CO3 Polyclonal Antibody

CATALOG # AAA177557	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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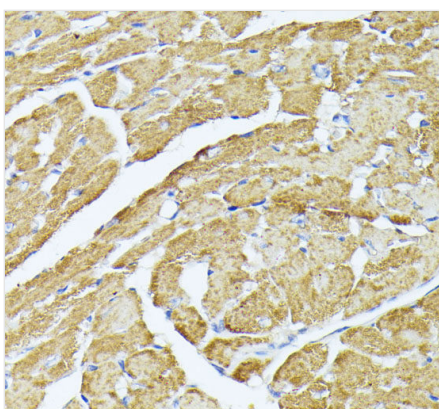
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

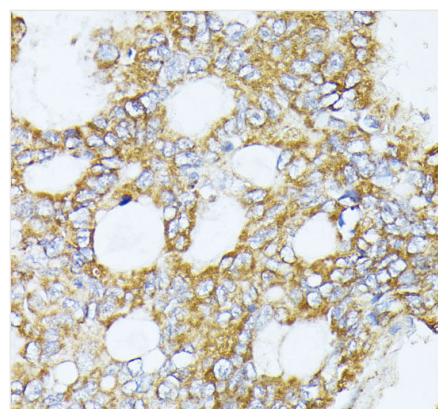
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MT-CO3 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human MT-CO3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



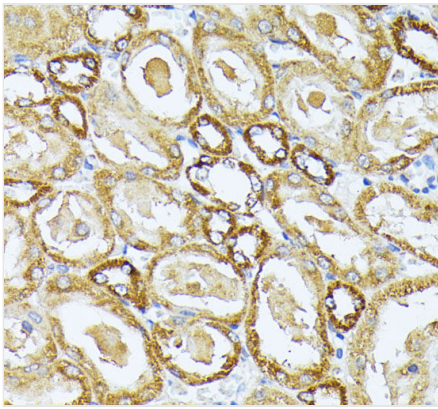
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Rat kidney using MT-CO3 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-MT-CO3 antibody	MT-CO3 (Mitochondrially Encoded Cytochrome C Oxidase III) is a Protein Coding gene. Diseases associated with MT-CO3 include Mitochondrial Complex Iv Deficiency and Mitochondrial Myopathy, Infantile, Transient. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins. and Cardiac muscle contraction. Gene Ontology (GO) annotations related to this gene include cytochrome-c oxidase activity and heme-copper terminal oxidase activity.
Product Categories/Family for anti-MT-CO3 antibody	Polyclonal Antibody

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	MT-CO3
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.