

Rabbit anti-Mouse, Rat MT-CO3 Polyclonal Antibody | anti-MT-CO3 antibody

MT-CO3 Polyclonal Antibody

CATALOG # AAA174356	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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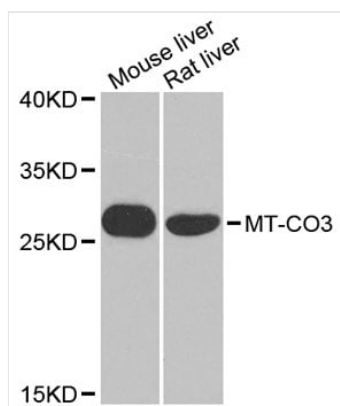
PRODUCT SYNONYMS

MT-CO3; Polyclonal Antibody; MT-CO3 Polyclonal Antibody; COIII; COX3; COXIII; Cytochrome c oxidase polypeptide III; Cytochrome c oxidase subunit 3; MT CO3; MTCO3; anti-MT-CO3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	261
Applicable Applications for anti-MT-CO3 antibody	WB (Western Blot)
Immunogen	A synthetic peptide of mouse MT-CO3 (NP_904334.1)
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines using MT-CO3 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-MT-CO3 antibody	Background: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34538604
NCBI GeneID	17710
NCBI Accession #	NP_904334.1
NCBI GenBank Nucleotide #	NC_005089.1
UniProt Accession #	P00416
Molecular Weight	Calculated: 29kDa Observed: 30kDa
NCBI Official Full Name	cytochrome c oxidase subunit III (mitochondrion)
NCBI Official Synonym Full Names	cytochrome c oxidase III, mitochondrial
NCBI Official Symbol	mt-Co3
NCBI Official Synonym Symbols	COX3
NCBI Protein Information	cytochrome c oxidase subunit III
UniProt Protein Name	Cytochrome c oxidase subunit 3
UniProt Gene Name	mt-Co3
UniProt Synonym Gene Names	COIII; Mtco3

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-co3-antibody-western-blot-elisa/174356>