

Rabbit MTCO1 Polyclonal Antibody | anti-MTCO1 antibody

MTCO1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177535	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

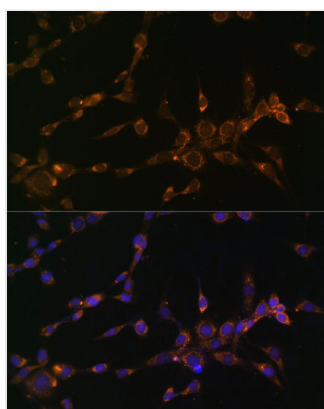
PRODUCT SYNONYMS

MTCO1; Polyclonal Antibody; MTCO1 Polyclonal Antibody; COI; COX1; MT-CO1; anti-MTCO1 antibody

PRODUCT SPECIFICATIONS

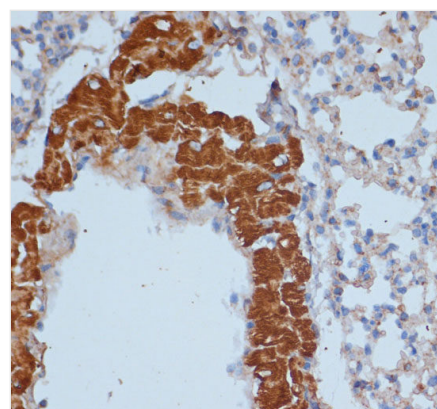
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MTCO1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human MTCO1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



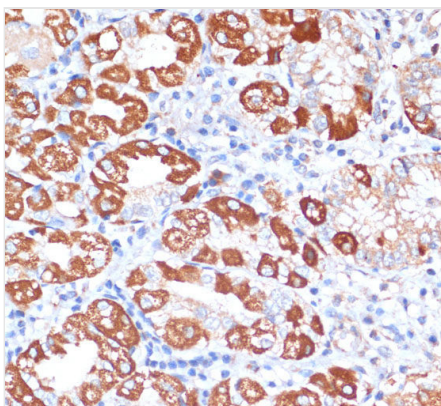
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using MTCO1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



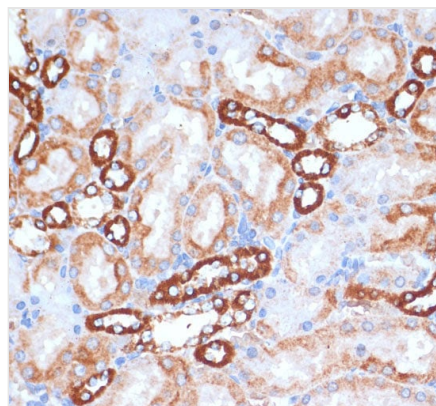
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse lung using MTCO1 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human stomach using MTCO1 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using MTCO1 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-MTCO1 antibody	MT-CO1 (Mitochondrially Encoded Cytochrome C Oxidase I) is a Protein Coding gene. Diseases associated with MT-CO1 include Myoglobinuria, Recurrent and Autosomal Recessive Pyridoxine-Refractory Sideroblastic Anemia 2. Among its related pathways are Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins. and Effects of Nitric Oxide. Gene Ontology (GO) annotations related to this gene include iron ion binding and electron transfer activity.
Product Categories/Family for anti-MTCO1 antibody	Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	116977
NCBI GeneID	4512
UniProt Accession #	P00395 ; Q34770
Molecular Weight	57,041 Da
NCBI Official Full Name	Cytochrome c oxidase subunit 1
NCBI Official Synonym Full Names	mitochondrially encoded cytochrome c oxidase I
NCBI Official Symbol	MT-CO1
NCBI Official Synonym Symbols	COI; MTCO1; COX1
NCBI Protein Information	cytochrome c oxidase subunit I
UniProt Protein Name	Cytochrome c oxidase subunit 1
UniProt Gene Name	MT-CO1
UniProt Synonym Gene Names	COI; COXI; MTCO1
UniProt Entry Name	COX1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtco1-antibody-immunofluorescence-immunohistochemistry-elisa/177535>