

Rabbit MTCO1 Polyclonal Antibody | anti-MTCO1 antibody

MTCO1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28355	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

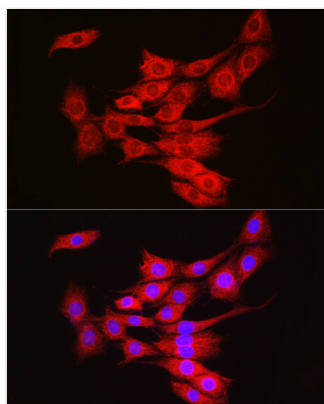
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

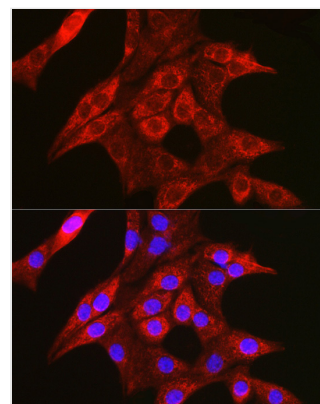
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MTCO1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	Recombinant protein of human MTCO1.
Positive Samples	HeLa, Mouse liver, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



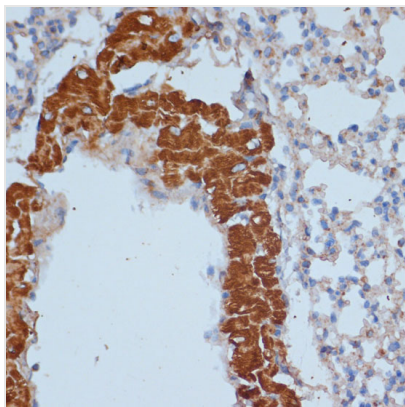
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using MTCO1 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

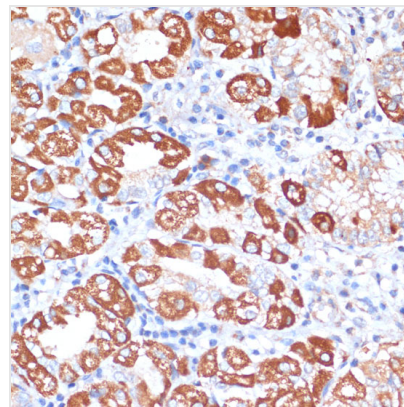


IF (Immunofluorescence)

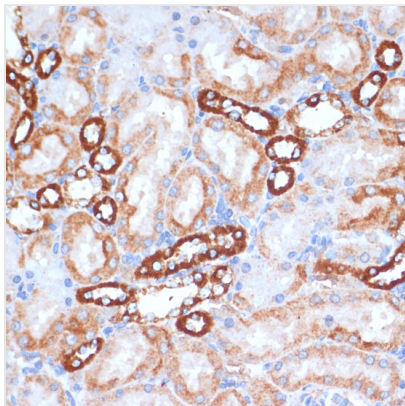
Immunofluorescence analysis of NIH/3T3 cells using MTCO1 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



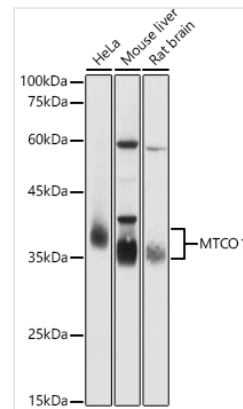
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse lung using MTCO1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human stomach using MTCO1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat kidney using MTCO1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MTCO1 antibody at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-MTCO1 antibody	Background: MT-CO1 (mitochondrially encoded cytochrome c oxidase I) is a protein-coding gene. Diseases associated with MT-CO1 include pthirus pubis infestation, and echinococcosis.
Product Categories/Family for anti-MTCO1 antibody	Endocrine & Metabolism ; Mitochondrial metabolism ; Mitochondrial markers ; Research ; Endocrine & Metabolism ; Mitochondrial metabolism ; Oxidative phosphorylation

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtco1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28355>