

Rabbit anti-Human MT-CO1 Polyclonal Antibody | anti-MT-CO1 antibody

MT-CO1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231697	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

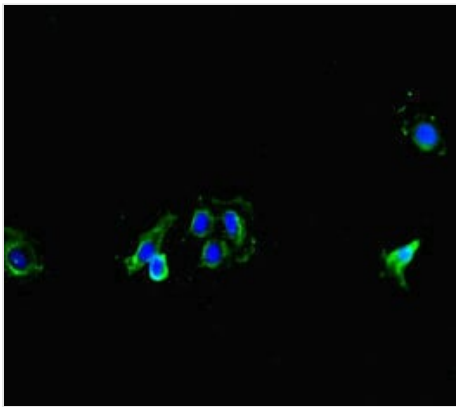
PRODUCT SYNONYMS

MT-CO1; Polyclonal Antibody; MT-CO1 Antibody; Cytochrome c oxidase subunit 1; Cytochrome c oxidase polypeptide I; COI; COXI; MTCO1; anti-MT-CO1 antibody

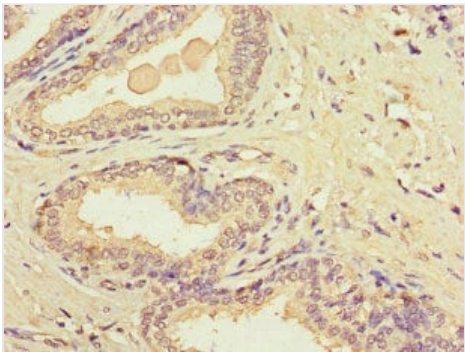
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	513
Applicable Applications for anti-MT-CO1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Cytochrome c oxidase subunit 1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23982 / sc-48143
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

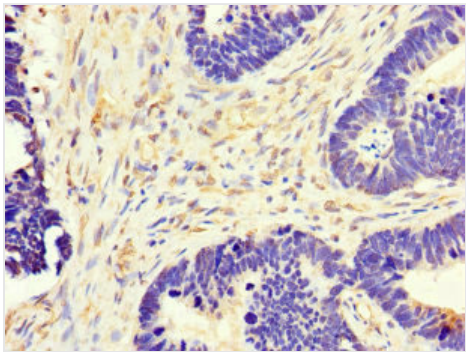
IMAGES



IHC (Immunohistochemisry)
Immunofluorescent analysis of HeLa cells using AAA231697 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human prostate cancer using AAA231697 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA231697 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MT-CO1 antibody	Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. CO I is the catalytic subunit of the enzyme. Electrons originating in cytochrome c are transferred via the copper A center of subunit 2 and heme A of subunit 1 to the bimetallic center formed by heme A3 and copper B.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251831109
NCBI GeneID	4512
NCBI Accession #	YP_003024028.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P00395; Q34770
Molecular Weight	57,041 Da
NCBI Official Full Name	cytochrome c oxidase subunit I (mitochondrion)
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://www.aaabiotech.com/polyclonal/mt-co1-antibody-immunofluorescence-immunohistochemistry-elisa/231697>