

Rabbit anti-Human MT-CO2 Polyclonal Antibody | anti-MT-CO2 antibody

MT-CO2 Antibody

CATALOG # AAA234966	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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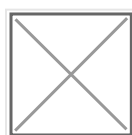
PRODUCT SYNONYMS

MT-CO2; Polyclonal Antibody; MT-CO2 Antibody; Cytochrome c oxidase subunit 2; Cytochrome c oxidase polypeptide II; COII; COXII; MTCO2; anti-MT-CO2 antibody

PRODUCT SPECIFICATIONS

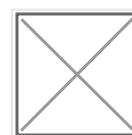
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	227
Applicable Applications for anti-MT-CO2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Cytochrome c oxidase subunit 2 protein (83-227AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234966 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234966 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-MT-CO2 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. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251831110
NCBI GeneID	4513
NCBI Accession #	YP_003024029.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P00403; Q37526
Molecular Weight	25,565 Da
NCBI Official Full Name	cytochrome c oxidase subunit II (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded cytochrome c oxidase II
NCBI Official Symbol	MT-CO2
NCBI Official Synonym Symbols	COII; MTCO2; COX2
NCBI Protein Information	cytochrome c oxidase subunit II
UniProt Protein Name	Cytochrome c oxidase subunit 2
UniProt Gene Name	MT-CO2
UniProt Synonym Gene Names	COII; COXII; MTCO2

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-co2-antibody-immunohistochemistry-western-blot-elisa/234966>