Rabbit anti-Human, Rat MTCO2 Monoclonal Antibody | anti-MTCO2 antibody

MTCO2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269391	**Rabbit**	**Human, Rat**	**Immunoprecipitation, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

MTCO2; Monoclonal Antibody; MTCO2 Rabbit mAb; MT-CO2; COX2; CO2; Cytochrome c oxidase II; COII; COXII; anti-MTCO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R05-7E7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-MTCO2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MTCO2
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Human tonsil using MTCO2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

WB (Western Blot)
Western blot analysis of MTCO2 in K562, C6, Hela lysates using MTCO2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MTCO2 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
Product Categories/Family for anti-MTCO2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	117020
NCBI GeneID	4513

UniProt Accession #	P00403; Q37526
Molecular Weight	227
NCBI Official Full Name	Cytochrome c oxidase subunit 2
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
UniProt Entry Name	COX2_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/monoclonal/mtco2-antibody-clone-r05-7e7-immunoprecipitation-immunohistochemistry-western-blot-elisa/269391