

Product Name: MTCO2 Rabbit Monoclonal Antibody**Catalog #: AMRe02281**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.65mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 26 kDa; Observed MW: 21 kDa

Antigen Information

Gene Name	MT-CO2
Alternative Names	MT-CO2; COX2; CO2; Cytochrome c oxidase II; MTCO2; COII; COXII
Gene ID	4513
SwissProt ID	P00403
Immunogen	A synthetic peptide of human MTCO2

Background

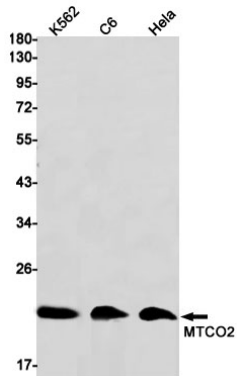
Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A

center to the bimetallic center of the catalytic subunit 1.

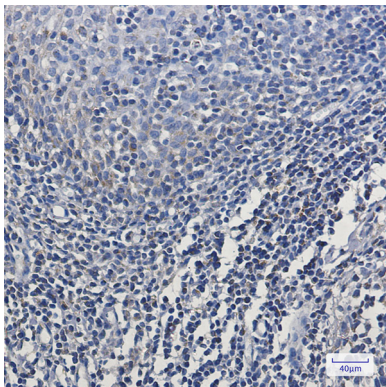
Research Area

Signal Transduction

Image Data



Western blot analysis of MTCO2 in K562, C6, HeLa lysates using MTCO2 antibody.



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