

A Reliable Research Partner in Life Science and Medicine

Recombinant MTCO2 Monoclonal Antibody

catalog number: AN301103L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human MTCO2 rabbit protein

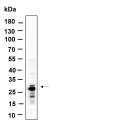
HostRabbitIsotype IgG,κ CloneB858PurificationProtein A

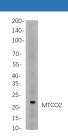
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:200-1000 **WB** 1:1000-5000

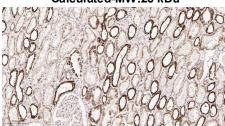
Data





Western Blot with Recombinant MTCO2 rabbit Monoclonal Western Blot with Recombinant MTCO2 rabbit Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: MCF7 lysate. Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.

Observed-MW:21 kDa Calculated-MW:26 kDa



Observed-MW:21 kDa Calculated-MW:26 kDa

Rev. V1.1

Immunohistochemistry of paraffin-embedded human kidney tissue using Recombinant MTCO2 rabbit Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: w w w .elabscience.com
 Email: techsupport@elabscience.com

Elabscience®

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

Cofactor:Copper A,disease:Defects in MT-CO2 are a cause of cytochrome c oxidase deficiency (COX deficiency) [MIM: 220110]; also called mitochondrial complex IV deficiency. COX deficiency is a clinically heterogeneous disorder. The clinical features are ranging from isolated myopathy to severe multisystem disease, with onset from infancy to adulthood.,disease:Defects in MT-CO2 are associated with tumor formation.,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.,similarity:Belongs to the cytochrome c oxidase subunit 2 family.

For Research Use Only