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anti-COX7A1 antibody (Center)



Overview

Quantity:	400 μL
Target:	COX7A1
Binding Specificity:	AA 10-38, Center
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX7A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Isotype:	lg Fraction
	peptide between 10-38 amino acids from the Central region of human COX7A1.
Immunogen:	This COX7A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
Purpose:	Rabbit Anti-Mouse COX7A1 (Center) Antibody

Target Details

Target:	COX7A1
Alternative Name:	COX7A1 (COX7A1 Products)
Background:	Target Description: Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This
	component is a heteromeric complex consisting of 3 catalytic subunits encoded by

mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes polypeptide 1 (muscle isoform) of subunit VIIa and the polypeptide 1 is present only in muscle tissues. Other polypeptides of subunit VIIa are present in both muscle and nonmuscle tissues, and are encoded by different genes.

Gene Symbol: COX7A1

Molecular Weight: 9118 Da

Gene ID: 1346

UniProt: P24310

Pathways: Proton Transport

Application Details

Application Notes: Western Blot

Recommended Dilutions

WB: 1:1000COX7A1 Antibody (Center).

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.500 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)