

Datasheet for ABIN7450463
anti-COX2 antibody (AA 125-175)



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Overview

Quantity:	100 µg
Target:	COX2
Binding Specificity:	AA 125-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MT-CO2 Antibody, Affinity Purified
Immunogen:	Between AA 125 and 175
Isotype:	IgG
Predicted Reactivity:	Orangutan,Gorilla,Chimpanzee
Purification:	Affinity Purified

Target Details

Target:	COX2
Alternative Name:	MT-CO2 (COX2 Products)
Background:	Background: Cytochrome c oxidase is the component of the respiratory chain that catalyzes the

Target Details

reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. MT-CO2 is subunit 2 which transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1 [taken from the Universal Protein Resource (UniProt) P00403].

Gene ID: 4513

UniProt: [P00403](#)

Pathways: [Brown Fat Cell Differentiation](#), [Positive Regulation of fat Cell Differentiation](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months