

Datasheet for ABIN6244291
anti-COX2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	COX2
Binding Specificity:	AA 169-201, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MT-CO2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 169-201 amino acids from the C-terminal region of human MT-CO2.
Clone:	RB48612
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

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

Target Details

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.

Molecular Weight:	25565
UniProt:	P00403
Pathways:	Brown Fat Cell Differentiation , Positive Regulation of fat Cell Differentiation

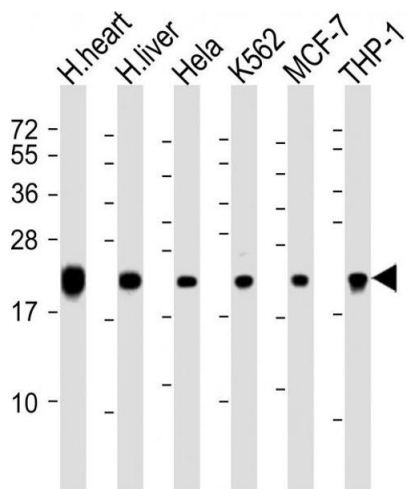
Application Details

Application Notes:	WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Expiry Date:	6 months

Images



Western Blotting

Image 1. All lanes : Anti-MTCO2 Antibody (Cterm) at 1:2000 dilution Lane 1: human heart lysate Lane 2: human liver lysate Lane 3: Hela whole cell lysate Lane 4: K562 whole cell lysate Lane 5: MCF-7 whole cell lysate Lane 6: THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.