

Datasheet for ABIN5706100 **anti-COX2 antibody**



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Overview

Quantity:	100 µg
Target:	COX2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	cytochrome c oxidase II
Isotype:	IgG

Target Details

Target:	COX2
Alternative Name:	MTCO2 (COX2 Products)
Background:	Synonyms:COII, mt-Co2 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.
Molecular Weight:	23-26 kDa
Gene ID:	17709
UniProt:	P00405

Target Details

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

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	HepG2 cells were subjected to SDS PAGE followed by western blot with FNab05393(COX2 antibody) at dilution of 1:1000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months