# MTCO2 Rabbit pAb

Catalog No.: A0526 1 Publications



### **Basic Information**

#### **Observed MW**

24kDa

#### **Calculated MW**

26kDa

#### Category

Primary antibody

### **Applications**

WB

#### **Cross-Reactivity**

Human

# **Background**

Contributes to cytochrome-c oxidase activity. Predicted to be involved in mitochondrial electron transport, cytochrome c to oxygen and positive regulation of vasoconstriction. Located in mitochondrial inner membrane. Part of respiratory chain complex IV. Biomarker of Huntington's disease and stomach cancer.

## **Recommended Dilutions**

**WB** 

1:500 - 1:1000

## **Immunogen Information**

Gene ID

**Swiss Prot** 

P00403

4513

**Immunogen** 

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms** 

COII; MTCO2; COX2

### **Contact**

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### **Product Information**

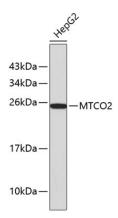
SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

# **Validation Data**



Western blot analysis of lysates from HepG2 cells, using MTCO2 Rabbit pAb (A0526). Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.