

# Cytochrome b Polyclonal Antibody

Catalog # AP74277

## **Product Information**

Application	WB
Primary Accession	<u>P00156</u>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42718

#### **Additional Information**

Gene ID	4519
Other Names	Cytochrome b (Complex III subunit 3) (Complex III subunit III) (Cytochrome b-c1 complex subunit 3) (Ubiquinol-cytochrome-c reductase complex cytochrome b subunit)
Dilution	WB~~WB 1:500-2000, ELISA 1:10000-20000
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

### **Protein Information**

Name	MT-CYB
Synonyms	COB, CYTB, MTCYB
Function	Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex) that is part of the mitochondrial respiratory chain. The b-c1 complex mediates electron transfer from ubiquinol to cytochrome c. Contributes to the generation of a proton gradient across the mitochondrial membrane that is then used for ATP synthesis.
Cellular Location	Mitochondrion inner membrane {ECO:0000250 UniProtKB:P00157}; Multi-pass membrane protein {ECO:0000250 UniProtKB:P00157}

#### Background

Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex) that is part of the mitochondrial respiratory chain. The b-c1 complex mediates electron transfer from ubiquinol to cytochrome c. Contributes to the generation of a proton gradient across the mitochondrial

### Images



Western Blot analysis of 1,mouse-lung 2,mouse-brain 3,mouse-spleen 4,mouse-kidney 5,mouse-heart cells using primary antibody diluted at 1:500(4°C overnight). Secondary antibody : Goat Anti-rabbit IgG IRDye 800( diluted at 1:5000, 25°C, 1 hour)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.