10320 Camino Santa Fe, Suite G
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# Cytochrome b Polyclonal Antibody
**Catalog # AP74277**

## Specification

### Cytochrome b Polyclonal Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | P00156 |
| Reactivity | **Human, Mouse** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |

### Cytochrome b Polyclonal Antibody - 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℃

### Cytochrome b Polyclonal Antibody - 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}

### Cytochrome b Polyclonal Antibody - Protocols

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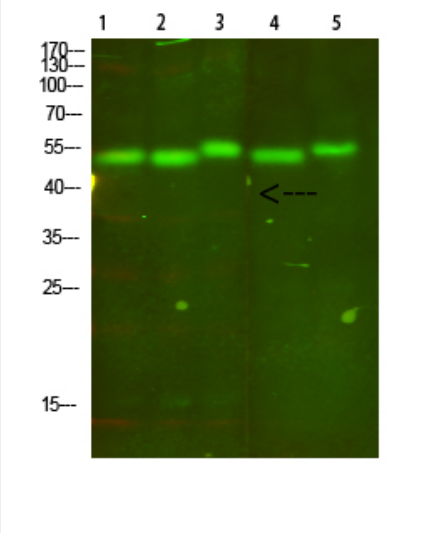
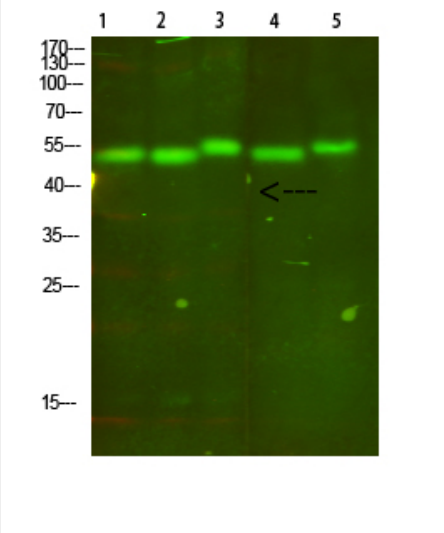
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Cytochrome b Polyclonal Antibody - Images**




**Cytochrome b Polyclonal Antibody - 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 membrane that is then used for ATP synthesis.