

**Mouse Cabc1 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
Catalog # AP16067c

**Specification**

**Mouse Cabc1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q60936</a>
Other Accession	<a href="#">Q5BJQ0</a> , <a href="#">NP_075830.2</a> , <a href="#">NP_001156762.1</a>
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	71743
Antigen Region	396-423

**Mouse Cabc1 Antibody (Center) - Additional Information**

**Gene ID** 67426

**Other Names**

Chaperone activity of bc1 complex-like, mitochondrial, Chaperone-ABC1-like, 2711-, aarF domain-containing protein kinase 3, Adck3, Cabc1

**Target/Specificity**

This Mouse Cabc1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 396-423 amino acids from the Central region of mouse Cabc1.

**Dilution**

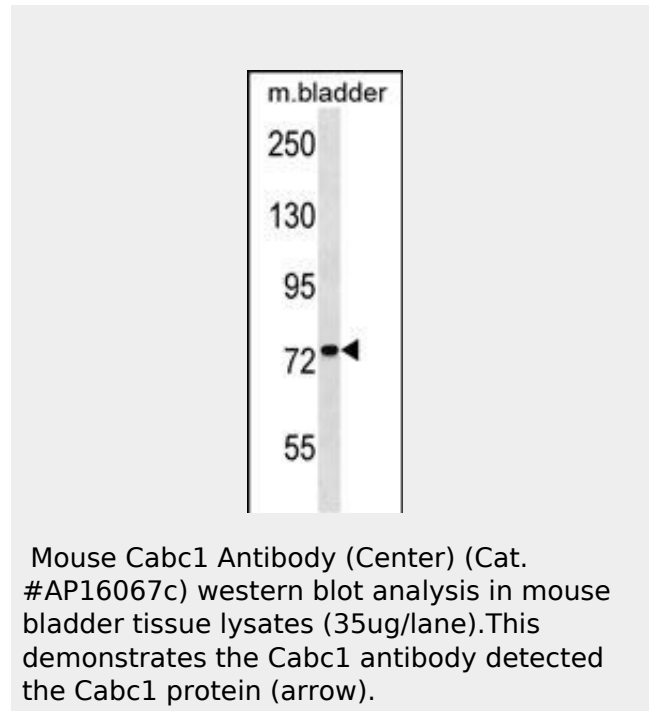
WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C



**Mouse Cabc1 Antibody (Center) - Background**

Cabc1 may be a chaperone-like protein essential for the proper conformation and functioning of protein complexes in the respiratory chain.

**Mouse Cabc1 Antibody (Center) - References**

- Pagliarini, D.J., et al. Cell 134(1):112-123(2008)
- Garcia-Frigola, C., et al. Brain Res. Mol. Brain Res. 122(2):133-150(2004)

in small aliquots to prevent freeze-thaw cycles.

### Precautions

Mouse Cabc1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### Mouse Cabc1 Antibody (Center) - Protein Information

#### Name Coq8a

{ECO:0000250|UniProtKB:Q8NI60}

#### Function

Atypical kinase involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration (PubMed:<a href="http://www.uniprot.org/citations/27499294" target="\_blank">27499294</a>). Its substrate specificity is unclear: does not show any protein kinase activity (PubMed:<a href="http://www.uniprot.org/citations/27499294" target="\_blank">27499294</a>). Probably acts as a small molecule kinase, possibly a lipid kinase that phosphorylates a prenyl lipid in the ubiquinone biosynthesis pathway, as suggested by its ability to bind coenzyme Q lipid intermediates (By similarity). Shows an unusual selectivity for binding ADP over ATP (By similarity).

#### Cellular Location

Mitochondrion

{ECO:0000250|UniProtKB:Q8NI60}.

Membrane; Single-pass membrane protein

{ECO:0000250|UniProtKB:Q8NI60,  
ECO:0000255}

#### Tissue Location

Present in various tissues (at protein level).

### Mouse Cabc1 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)