

**CYB5A Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21632c**

**Specification**

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**CYB5A Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P00167</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	15330

**CYB5A Antibody (Center) - Additional Information**

**Gene ID** 1528

**Other Names**

Cytochrome b5, Mitochondrial cytochrome b5 type A, MCB5, CYB5A, CYB5

**Target/Specificity**

This CYB5A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 31-65 amino acids from the Central region of human CYB5A.

**Dilution**

WB~~1:2000

**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 in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CYB5A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CYB5A Antibody (Center) - Protein Information**

**Name** CYB5A

**Synonyms** CYB5

**Function** Cytochrome b5 is a membrane-bound hemoprotein functioning as an electron carrier for several membrane-bound oxygenases.

### Cellular Location

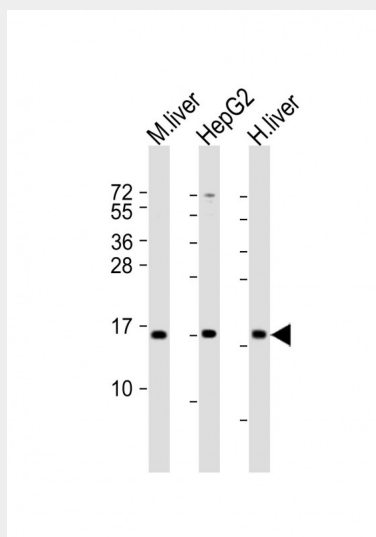
[Isoform 1]: Endoplasmic reticulum membrane; Single-pass membrane protein; Cytoplasmic side.  
Microsome membrane; Single-pass membrane protein; Cytoplasmic side

### CYB5A 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](#)

### CYB5A Antibody (Center) - Images



All lanes : Anti-CYB5A Antibody (Center) at 1:2000 dilution Lane 1: mouse liver lysate Lane 2: HepG2 lysate Lane 3: human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### CYB5A Antibody (Center) - Background

Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases.

### CYB5A Antibody (Center) - References

- Yoo M.,et al.Biochem. Biophys. Res. Commun. 156:576-580(1988).  
Giordano S.J.,et al.Biochem. Biophys. Res. Commun. 178:38-44(1991).  
Li X.R.,et al.Biochem. Biophys. Res. Commun. 209:894-900(1995).  
Melton D.,et al.Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.  
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.