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CYB5A Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21632c

Product Information

Application	WB, E
Primary Accession	P00167
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB48503
Calculated MW	15330

Additional Information

Gene ID	1528
Other Names	Cytochrome b5, Microsomal 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 E~~Use at an assay dependent concentration.
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.

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

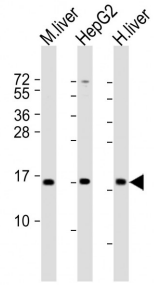
Background

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

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.

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.

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