

# CYB5R3 Polyclonal Antibody

Catalog # AP69349

## Product Information

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Application	WB, IHC-P
Primary Accession	<a href="#">P00387</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34235

## Additional Information

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Gene ID	1727
Other Names	CYB5R3; DIA1; NADH-cytochrome b5 reductase 3; B5R; Cytochrome b5 reductase; Diaphorase-1
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

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Name	CYB5R3 ( <a href="#">HGNC:2873</a> )
Synonyms	DIA1
Function	Catalyzes the reduction of two molecules of cytochrome b5 using NADH as the electron donor.
Cellular Location	[Isoform 1]: Endoplasmic reticulum membrane; Lipid-anchor {ECO:0000250 UniProtKB:P20070}; Cytoplasmic side {ECO:0000250 UniProtKB:P20070}. Mitochondrion outer membrane; Lipid-anchor {ECO:0000250 UniProtKB:P20070}; Cytoplasmic side {ECO:0000250 UniProtKB:P20070}
Tissue Location	[Isoform 2]: Expressed at late stages of erythroid maturation.

## Background

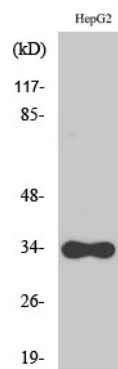
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Desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte,

methemoglobin reduction.

Images

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Western Blot analysis of various cells using CYB5R3 Polyclonal Antibody

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