

# CYB5R3 Antibody

Rabbit mAb

Catalog # AP92879

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P00387</a>
<b>Reactivity</b>	Rat, Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	B5R; Cyb5r3; Cytochrome b5 reductase 3; DIA1; Diaphorase 1;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	34235

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human CYB5R3
<b>Description</b>	Desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

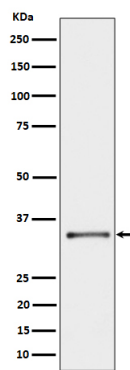
## Protein Information

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<b>Name</b>	CYB5R3 ( <a href="#">HGNC:2873</a> )
<b>Synonyms</b>	DIA1
<b>Function</b>	Catalyzes the reduction of two molecules of cytochrome b5 using NADH as the electron donor.
<b>Cellular Location</b>	[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}
<b>Tissue Location</b>	[Isoform 2]: Expressed at late stages of erythroid maturation.

## Images

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Western blot analysis of CYB5R3 expression in A431 cell lysate.

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