

**CYB5R3 Antibody**  
Rabbit mAb  
Catalog # AP92879

## Specification

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### CYB5R3 Antibody - Product Information

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

### CYB5R3 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CYB5R3
Description	Desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.
Storage Condition and Buffer	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.

### CYB5R3 Antibody - Protein Information

Name CYB5R3 ([HGNC:2873](#))

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

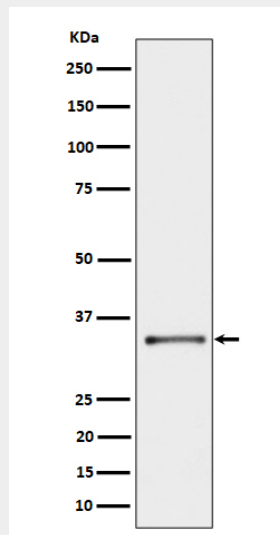
[Isoform 2]: Expressed at late stages of erythroid maturation.

## CYB5R3 Antibody - 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](#)

## CYB5R3 Antibody - Images



Western blot analysis of CYB5R3 expression in A431 cell lysate.