

**CYB5R3 Polyclonal Antibody**  
Catalog # AP69349**Specification**

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**CYB5R3 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P00387</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**CYB5R3 Polyclonal Antibody - Additional Information****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.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**CYB5R3 Polyclonal 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**

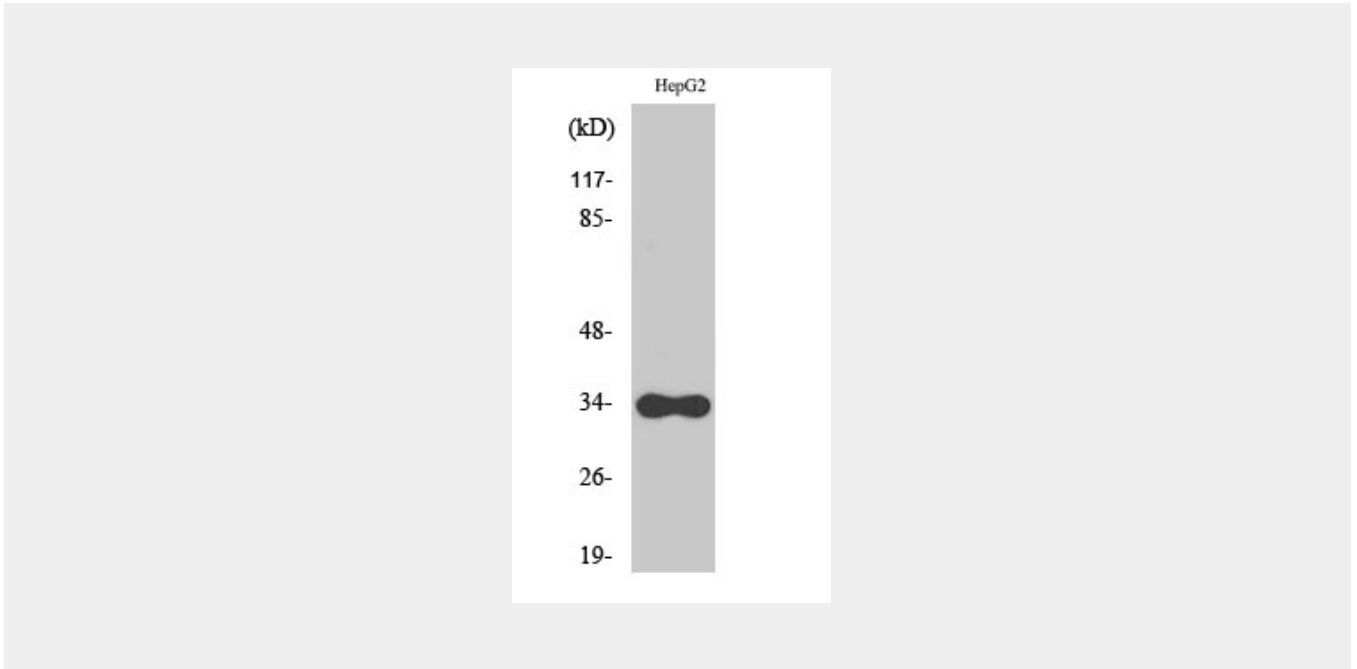
[Isoform 2]: Expressed at late stages of erythroid maturation.

**CYB5R3 Polyclonal 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 Polyclonal Antibody - Images**



#### **CYB5R3 Polyclonal Antibody - Background**

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