

CYB5R3 Polyclonal Antibody
Catalog # AP69349**Specification**

CYB5R3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P00387
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

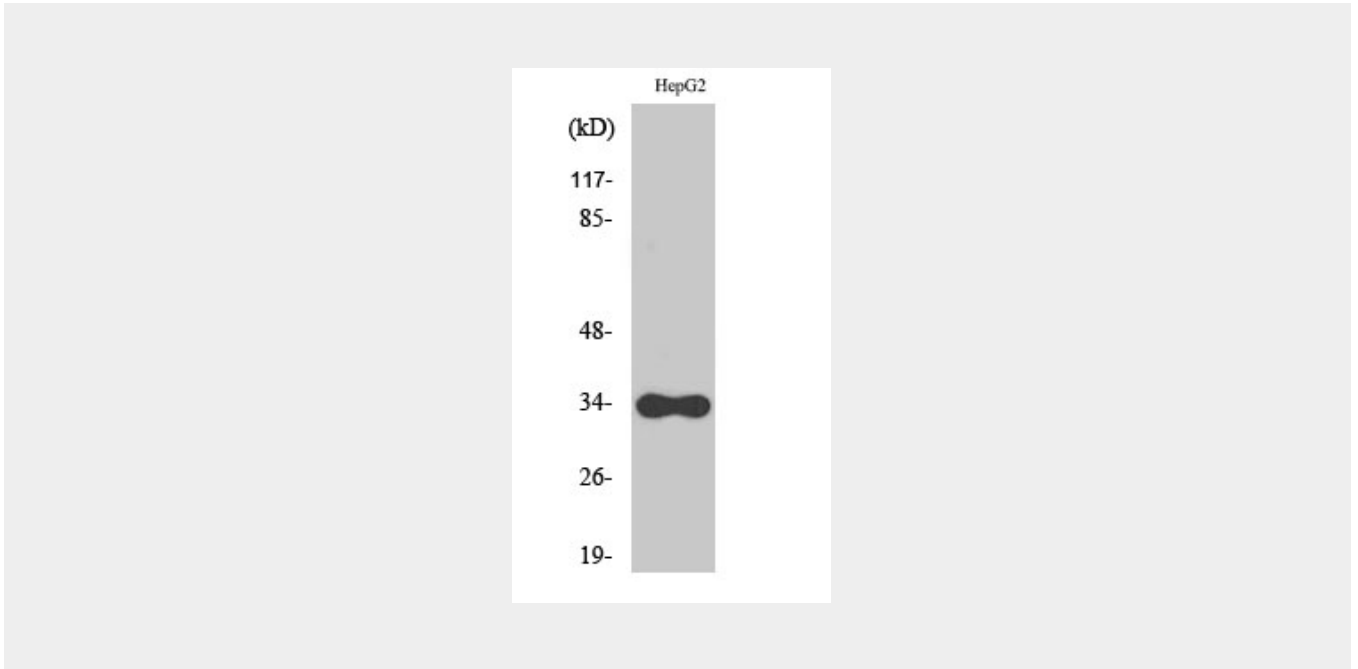
[Isoform 2]: Expressed at late stages of erythroid maturation.

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.