

CYB5R3 / B5R Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS15791**Specification**

CYB5R3 / B5R Antibody (C-Terminus) - Product Information

Application	IHC, WB
Primary Accession	P00387
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	34kDa KDa

CYB5R3 / B5R Antibody (C-Terminus) - Additional Information**Gene ID** 1727**Other Names**

NADH-cytochrome b5 reductase 3, B5R, Cytochrome b5 reductase, 1.6.2.2, Diaphorase-1, NADH-cytochrome b5 reductase 3 membrane-bound form, NADH-cytochrome b5 reductase 3 soluble form, CYB5R3, DIA1

Target/Specificity

Human CYB5R3. This antibody is expected to recognize all three reported isoforms (NP_000389.1; NP_001123291.1; NP_001165131.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CYB5R3 / B5R Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CYB5R3 / B5R Antibody (C-Terminus) - 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

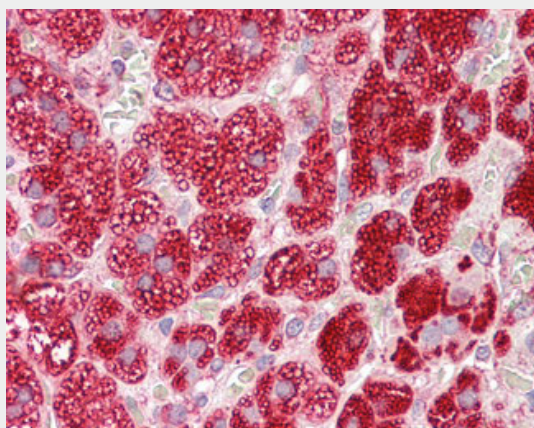
[Isoform 2]: Expressed at late stages of erythroid maturation.

CYB5R3 / B5R Antibody (C-Terminus) - Protocols

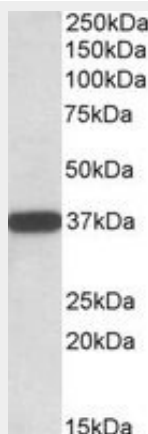
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CYB5R3 / B5R Antibody (C-Terminus) - Images



Anti-CYB5R3 / B5R antibody IHC staining of human adrenal.



CYB5R3 antibody (0.01 ug/ml) staining of Human Umbilical Cord lysate (35 ug protein/ml in RIPA...

CYB5R3 / B5R Antibody (C-Terminus) - Background

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

CYB5R3 / B5R Antibody (C-Terminus) - References

Tomatsu S.,et al.Gene 80:353-361(1989).

Voice M.W.,et al.Submitted (NOV-1996) to the EMBL/GenBank/DDBJ databases.

Yoon B.,et al.Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases.

Lan F.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.

Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.