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CYB5R3 Antibody

Rabbit mAb
Catalog # AP92879

Product Information

Application	WB, IHC
Primary Accession	P00387
Reactivity	Rat, Human
Clonality	Monoclonal
Other Names	B5R; Cyb5r3; Cytochrome b5 reductase 3; DIA1; Diaphorase 1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	34235

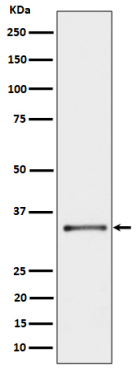
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
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.

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.

Images



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'.