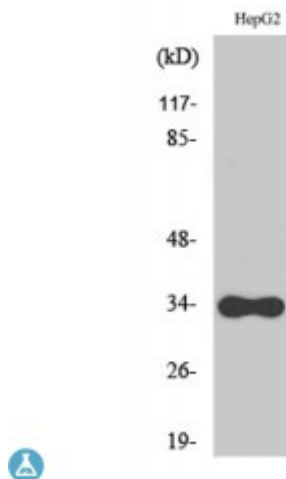


Anti-CYB5R3 antibody



Description	Rabbit polyclonal to CYB5R3.
Model	STJ92531
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CYB5R3
Immunogen Region	110-190 aa, Internal
Gene ID	1727
Gene Symbol	CYB5R3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	CYB5R3 Polyclonal Antibody detects endogenous levels of CYB5R3 protein.
Tissue Specificity	Isoform 2 is expressed at late stages of erythroid maturation.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	NADH-cytochrome b5 reductase 3 B5R Cytochrome b5 reductase Diaphorase-1 NADH-cytochrome b5 reductase 3 membrane-bound form NADH-cytochrome b5 reductase 3 soluble form
Molecular Weight	34 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:28730MIM:250800
Alternative Names	NADH-cytochrome b5 reductase 3 B5R Cytochrome b5 reductase Diaphorase-1 NADH-cytochrome b5 reductase 3 membrane-bound form NADH-cytochrome b5 reductase 3 soluble form
Function	Desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.
Cellular Localization	Isoform 1: Endoplasmic reticulum membrane. Lipid-anchor. Cytoplasmic side. Mitochondrion outer membrane. Lipid-anchor. Cytoplasmic side.. Isoform 2: Cytoplasm. Produces the soluble form found in erythrocytes.

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