

CYB5R3 Rabbit pAb

db2275

Package : 20µL 50µL 100µL

Product Name : CYB5R3 Rabbit pAb**Cat.No.:** db2275**Synonyms** : B5R; DIA1**Application** : WB, IHC**Reactivity** : Human, Rat**Host species** : Rabbit**Background**

This gene encodes cytochrome b5 reductase, which includes a membrane-bound form in somatic cells (anchored in the endoplasmic reticulum, mitochondrial and other membranes) and a soluble form in erythrocytes. The membrane-bound form exists mainly on the cytoplasmic side of the endoplasmic reticulum and functions in desaturation and elongation of fatty acids, in cholesterol biosynthesis, and in drug metabolism. The erythrocyte form is located in a soluble fraction of circulating erythrocytes and is involved in methemoglobin reduction. The membrane-bound form has both membrane-binding and catalytic domains, while the soluble form has only the catalytic domain. Alternate splicing results in multiple transcript variants. Mutations in this gene cause methemoglobinemias. [provided by RefSeq, Jan 2010]

Immunogen

A synthetic peptide of human CYB5R3

Gene ID

1727

Swiss Prot

P00387

Synonyms

B5R; DIA1

Reactivity

Human, Rat

Application

WB, IHC

Recommended dilution

WB: 1:1000-1:5000

IHC: 1:50-1:200

Calculated MW

34 kDa

Observed MW

34 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.