

CYB5R3 Rabbit mAb[5HT5]

Cat NO. :A71093

Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB	H,R	P00387	35KDa	Rabbit	IgG	50ul 100ul,200ul

Applications detail:

Application	Dilution
WB	1:1000-2000
The optimal dilutions should be determined by the end user	

Conjugate:

UnConjugate

Form:

Liquid

sensitivity:

Endogenous

Purification:

Protein A purification

Specificity:

Antibody is produced by immunizing animals with a synthetic peptide of human CYB5R3.

Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity:

Isoform 2 is expressed at late stages of erythroid maturation.

Subcellular location:

[Isoform 1]: Endoplasmic reticulum membrane,Lipid-anchor,Cytoplasmic side. Mitochondrion outer membrane,Lipid-anchor,Cytoplasmic side.,[Isoform 2]: Cytoplasm.

Function:

Introduction: **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

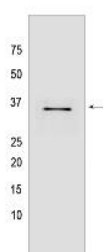
Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

For Research Use Only. Not For Use In Diagnostic Procedures.

Transfers two electrons from NADH to two molecules of cytochrome b5 through an enzyme-bound FAD. Electrons from the reduced cytochrome b5 are then transferred to various electron acceptors, thereby participating in methemoglobin reduction in red blood cells and in the desaturation and elongation of fatty acids, cholesterol biosynthesis and cytochrome P-450-mediated drug metabolism other tissues..

Validation Data:

CYB5R3 Rabbit mAb[5HT5] Images



Western blot (SDS PAGE) analysis of extracts from HepG2 cells. Using CYB5R3 Rabbit mAb IgG [5HT5] at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.