

Datasheet for ABIN1045890
anti-CYB5R3 antibody (AA 1-301) (FITC)



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Overview

Quantity:	100 µg
Target:	CYB5R3
Binding Specificity:	AA 1-301
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYB5R3 antibody is conjugated to FITC
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human NADH-cytochrome b5 reductase 3 protein (1-301AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CYB5R3
Alternative Name:	CYB5R3 (CYB5R3 Products)
Background:	Background: DIAPH1 binds to GTP-bound form of Rho and to profilin. Acts in a Rho-dependent manner to recruit profilin to the membrane, where it promotes actin polymerization. It is

Target Details

required for cytokinesis, stress fiber formation, and transcriptional activation of the serum response factor. DFR proteins couple Rho and Src tyrosine kinase during signaling and the regulation of actin dynamics (By similarity). In hearing it may play a role in the regulation of actin polymerization in hair cells.

Aliases: B5R antibody, Cyb5r3 antibody, Cytochrome b5 reductase 3 antibody, Cytochrome b5 reductase antibody, DIA1 antibody, Diaphorase 1 antibody, Diaphorase-1 antibody, NADH cytochrome b5 reductase 3 antibody, NADH-cytochrome b5 reductase 3 membrane-bound form antibody, NADH-cytochrome b5 reductase 3 soluble form antibody, NB5R3_HUMAN antibody, OTTHUMP00000028761 antibody, OTTHUMP00000198435 antibody, OTTHUMP00000198574 antibody, OTTHUMP00000198662 antibody, OTTHUMP00000198665 antibody

UniProt: [P00387](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Not yet tested in other applications. Optimal working dilutions should be determined experimentally by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid freeze and thaw cycles. Product is photosensitive and should be protected from light.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.