

Datasheet for ABIN928906 **anti-CYB5R4 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	CYB5R4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYB5R4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Cyb5 r4 antibody was raised in rabbit using the N terminal of Cyb5 4 as the immunogen
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified

Target Details

Target:	CYB5R4
Alternative Name:	Cyb5r4 (CYB5R4 Products)
Background:	NADH-cytochrome b5 reductase involved in endoplasmic reticulum stress response pathway. Plays a critical role in protecting pancreatic beta-cells against oxidant stress, possibly by protecting the cell from excess buildup of reactive oxygen species (ROS). Reduces a variety of substrates in vitro, such as cytochrome c, fericyanide and methemoglobin. Synonyms:

Target Details

Polyclonal Cyb5r4 antibody, Anti-Cyb5r4 antibody, cytochrome b5 reductase 4 antibody, 2810034J18Rik antibody, B5+B5R antibody, C79736 antibody, Cb5cb5r antibody, Ncb5or antibody, b5/b5r antibody, b5b5r antibody.

Pathways: [Hormone Transport](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: Cyb5r4 Blocking Peptide, catalog no. 33R-7364, is also available for use as a blocking control in assays to test for specificity of this Cyb5r4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

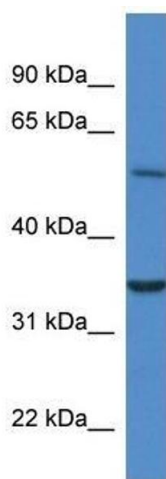
Buffer: Lyophilized powder. Add 50 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing Cyb5r4 antibody used at a concentration of 1.0 μ g/ml against Mouse Pancreas Lysate