

Product datasheet

Anti-CYB5R4 antibody ab101342

2 Abreviews 1 Image

Overview

Product name	Anti-CYB5R4 antibody
Description	Rabbit polyclonal to CYB5R4
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 357-508 of Human CYB5R4 (AAH25380).
Positive control	NT2D1, IMR32 and U87-MG cell lines.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab101342** in the following tested applications.

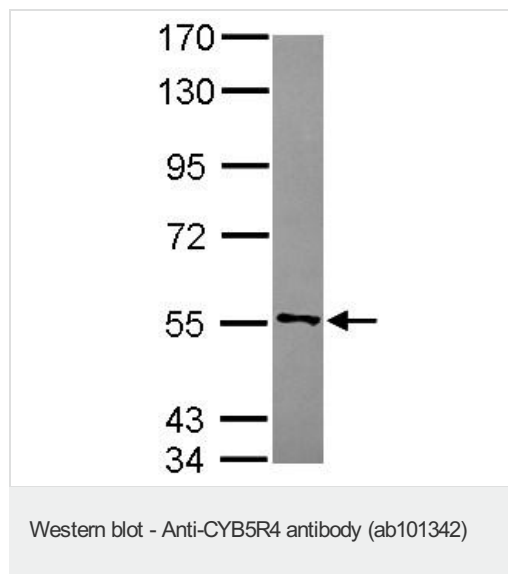
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 59 kDa.

Target

Function	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.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. Contains 1 CS domain. Contains 1 cytochrome b5 heme-binding domain. Contains 1 FAD-binding FR-type domain.
Cellular localization	Endoplasmic reticulum. Soluble protein.

Images



Anti-CYB5R4 antibody (ab101342) at 1/1000 dilution + IMR32 whole cell lysate at 30 µg

Predicted band size: 59 kDa

7.5% SDS PAGE

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