

Datasheet for ABIN5539503
anti-CYB5R3 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CYB5R3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CYB5R3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	CYB5R3 / Dia 1
Sequence:	CLPNLDHVGH PTER
Isotype:	IgG
Specificity:	This antibody is expected to recognize all three reported isoforms (NP_000389.1, NP_001123291.1, NP_001165131.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CYB5R3
Alternative Name:	CYB5R3 (CYB5R3 Products)
Background:	CYB5R3, cytochrome b5 reductase 3, B5R, DIA1, NADH-cytochrome b5 reductase 3, NADH-cytochrome b5 reductase 3 membrane-bound form, NADH-cytochrome b5 reductase 3 soluble form, OTTHUMP00000198574, OTTHUMP00000198665, diaphorase-1
Gene ID:	1727
NCBI Accession:	NP_000389 , NP_001123291 , NP_001165131
Pathways:	SARS-CoV-2 Protein Interactome

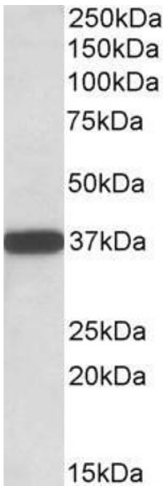
Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Adrenal Gland shows heavy vesicular/granular staining in the cytoplasm of medular cells. Recommended concentration, 3-5 µg/mL.</p> <p>Western Blot: Approx 37 kDa band observed in Human Placenta, Testis and Umbilical Cord lysates (calculated MW of 38.2 kDa according to NP_001165131.1). Recommended concentration: 0.01-0.03 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539503 (0.01µg/ml) staining of Human Umbilical Cord lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.