

Datasheet for ABIN1535070  
**anti-CYB5R3 antibody (AA 137-186)**



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2 Images

## Overview

Quantity:	100 µL
Target:	CYB5R3
Binding Specificity:	AA 137-186
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYB5R3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CYB5R3.
Isotype:	IgG
Specificity:	CYB5R3 Antibody detects endogenous levels of total CYB5R3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	CYB5R3
Alternative Name:	CYB5R3 ( <a href="#">CYB5R3 Products</a> )
Background:	Synonyms: NADH-cytochrome b5 reductase 3, Cytochrome b5 reductase, B5R, Diaphorase-1

### Target Details

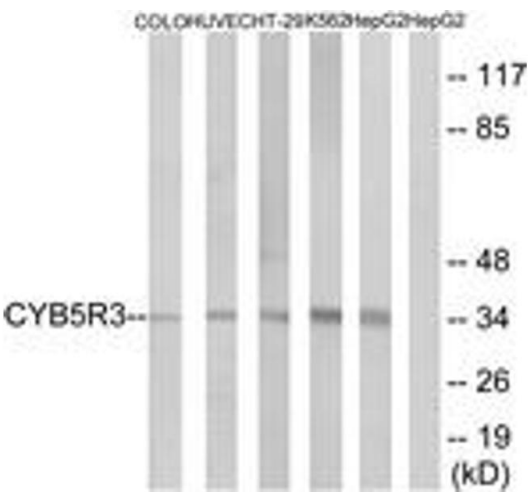
	NCBI Gene Symbol: CYB5R3
Molecular Weight:	34 kDa
Gene ID:	1727
OMIM:	613213
UniProt:	<a href="#">P00387</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

### Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.561064 (NCBI Gene Symbol: CYB5R3)
Restrictions:	For Research Use only

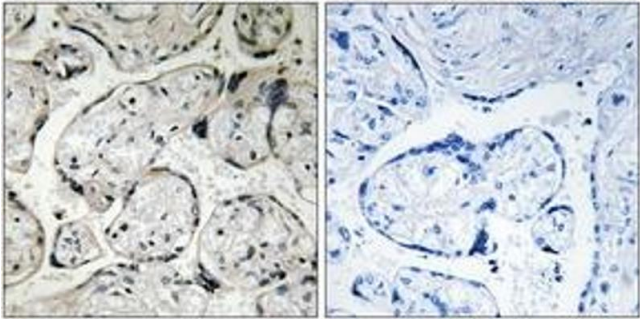
### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

**Image 1.** Western blot analysis of extracts from HepG2/COLO/HUVEc/HT-29/K562 cells, using CYB5R3 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using CYB5R3 Antibody. The picture on the right is treated with the synthesized peptide.