

Datasheet for ABIN2785532  
**anti-CYB5R2 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CYB5R2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYB5R2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Rat
Sequence:	WEYSSGFITA DMIKEHLPPP GEATLILVCG PPPLIQEAAH PSLEQLGYTK
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 92%, Horse: 85%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Cyb5r2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	CYB5R2
Alternative Name:	Cyb5r2 ( <a href="#">CYB5R2 Products</a> )

## Target Details

Background:	<p>NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction. Cyb5r2 is responsible for NADH-dependent lucigenin chemiluminescence in spermatozoa by reducing both lucigenin and 2-[4-iodophenyl]-3-[4-nitrophenyl]-5-[2,4-disulfophenyl]-2H tetrazolium monosodium salt (WST-1).</p> <p>Alias Symbols: RGD1308421</p> <p>Protein Size: 276</p>
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Molecular Weight:	30 kDa
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Gene ID:	365345
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NCBI Accession:	<a href="#">NM_001014244</a> , <a href="#">NP_001014266</a>
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UniProt:	<a href="#">Q6AY12</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 276 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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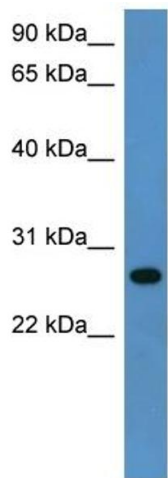
**Western Blotting**

**Image 1. WB Suggested Anti-Cyb5r2 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** Rat Lung



Rabbit Anti-Cyb5r2 Antibody  
Catalog Number: ARP53714  
Lot Number: QC22219  
Lane: Rat Lung Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

**Western Blotting**

**Image 2. WB Suggested Anti-Cyb5r2**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500

Positive Control: Rat Lung