

## Product datasheet

# Anti-CYB5D2 antibody ab84967

1 Image

### Overview

<b>Product name</b>	Anti-CYB5D2 antibody
<b>Description</b>	Rabbit polyclonal to CYB5D2
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
<b>Immunogen</b>	Synthetic peptide within residues: RLFPEELSR YRGGPGDPGL YLALLGRVYD VSSGRRHYEP GSHYSGFAGR , corresponding to N terminal amino acids 36-85 of Human CYB5D2 (NP_653212) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Human fetal liver lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab84967** in the following tested applications.

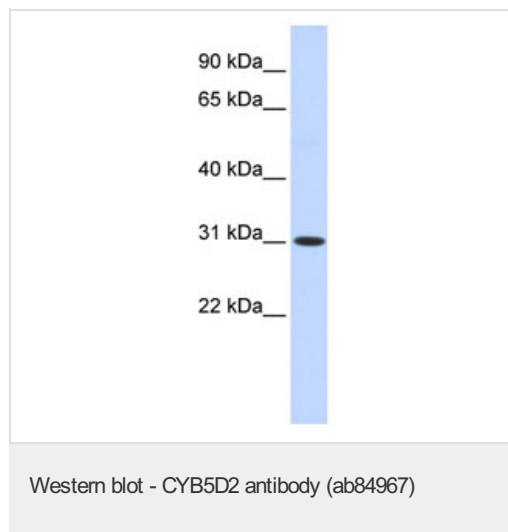
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 29 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Heme-binding protein which promotes neuronal but not astrocyte differentiation.
<b>Sequence similarities</b>	Belongs to the cytochrome b5 family. MAPR subfamily. Contains 1 cytochrome b5 heme-binding domain.
<b>Domain</b>	The cytochrome b5 heme-binding domain was proven to bind heme, although it lacks the conserved iron-binding His residues at position 73 and 106.
<b>Cellular localization</b>	Secreted.

## Images



Anti-CYB5D2 antibody (ab84967) at 1 µg/ml +  
Human fetal liver lysate at 10 µg

### Secondary

anti-Rabbit IgG HRP at 1/50000 dilution

**Predicted band size :** 29 kDa

**Observed band size :** 29 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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