

## Product datasheet

# Anti-COX6B2 antibody ab70685

[1 Image](#)

### Overview

<b>Product name</b>	Anti-COX6B2 antibody
<b>Description</b>	Mouse polyclonal to COX6B2
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length Human protein (NP_653214.2)
<b>Positive control</b>	COX6B2 transfected 293T cell line

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab70685** in the following tested applications.

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

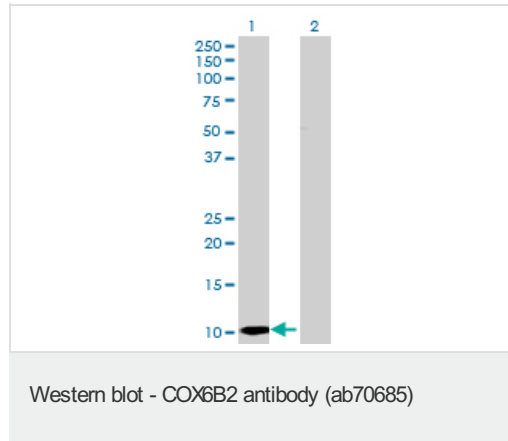
Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 10.5 kDa (predicted molecular weight: 10.5 kDa).

### Target

<b>Function</b>	Connects the two COX monomers into the physiological dimeric form.
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<b>Tissue specificity</b>	Testis specific. Weak expression in thymus and heart. Expressed in cancer cell lines.
<b>Sequence similarities</b>	Belongs to the cytochrome c oxidase subunit 6B family.
<b>Cellular localization</b>	Mitochondrion intermembrane space.

## Images



**All lanes** : Anti-COX6B2 antibody (ab70685)  
at 1/1000 dilution

**Lane 1** : COX6B2 transfected 293T cell  
lysate

**Lane 2** : Non-transfected 293T cell lysate.

Lysates/proteins at 25 µg per lane.

### Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at  
1/2500 dilution

Developed using the ECL technique

Performed under reducing conditions.

**Predicted band size** : 10.5 kDa

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

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