

Product datasheet

Anti-COQ4 antibody ab167182

[1 Abreviews](#) [1 Image](#)

Overview

Product name	Anti-COQ4 antibody
Description	Mouse polyclonal to COQ4
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Recombinant fragment
Immunogen	Recombinant full length protein, corresponding to amino acids 1-265 of Human COQ4 (AAH11895.1). Run BLAST with Expasy Run BLAST with NCBI
Positive control	COQ4 transfected 293T cell line lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab167182 in the following tested applications.

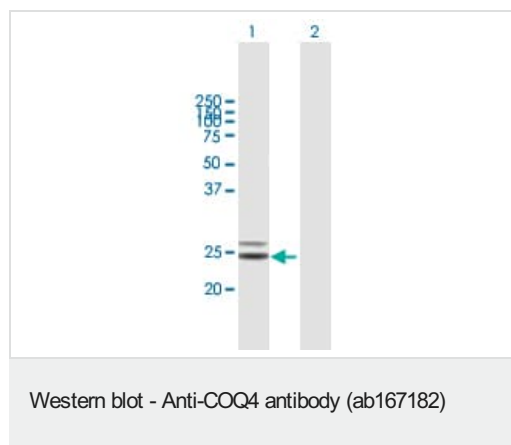
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2500. Predicted molecular weight: 30 kDa.

Target

Function	Component of the coenzyme Q biosynthetic pathway. May play a role in organizing a multi-subunit COQ enzyme complex required for coenzyme Q biosynthesis. Required for steady-state levels of other COQ polypeptides.
Tissue specificity	Expressed ubiquitously, but at high levels in liver, lung and pancreas.
Pathway	Cofactor biosynthesis; ubiquinone biosynthesis.
Sequence similarities	Belongs to the COQ4 family.
Cellular localization	Mitochondrion inner membrane.

Images



All lanes : Anti-COQ4 antibody (ab167182) at 1/500 dilution

Lane 1 : COQ4 transfected 293T cell line lysate

Lane 2 : Non-transfected 293T cell line lysate

Lysates/proteins at 15 µl per lane.

Predicted band size: 30 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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