

Product datasheet

Anti-COG3 antibody ab89172

2 Images

Overview

<b>Product name</b>	Anti-COG3 antibody
<b>Description</b>	Mouse monoclonal to COG3
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 25-125 of human COG3 (NP_113619) with a proprietary tag. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	The immunogen; Raw 264.7 cell lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab89172** in the following tested applications.

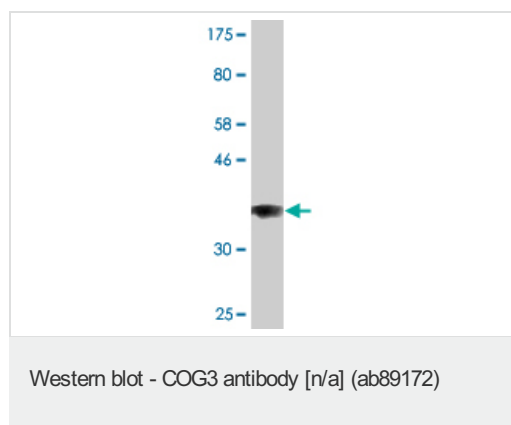
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 94 kDa.
ELISA		Use at an assay dependent dilution.

## Target

<b>Function</b>	Involved in ER-Golgi transport.
<b>Tissue specificity</b>	Widely expressed with highest levels in pancreas and testis and lowest levels in lung.
<b>Sequence similarities</b>	Belongs to the COG3 family.
<b>Cellular localization</b>	Golgi apparatus > Golgi stack membrane. Associated with the peripheral membrane of cis/medial cisternae.

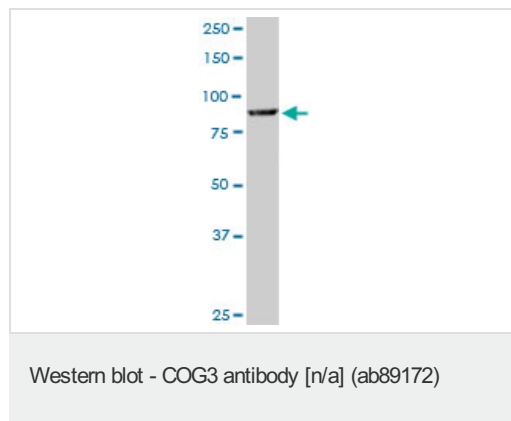
## Images



Anti-COG3 antibody (ab89172) at 5 µg/ml +  
tagged, recombinant human COG3 protein  
fragment (the immunogen) at 0.2 µg  
Developed using the ECL technique

**Predicted band size** : 94 kDa

**Observed band size** : 36 kDa



Anti-COG3 antibody (ab89172) at 5 µg/ml +  
Raw 264.7 cell lysate at 50 µg  
Developed using the ECL technique

**Predicted band size** : 94 kDa

**Observed band size** : 88 kDa

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

## 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors