

## Product datasheet

# Anti-COG3 antibody ab89172

[2 Images](#)

### Overview

<b>Product name</b>	Anti-COG3 antibody
<b>Description</b>	Mouse monoclonal to COG3
<b>Host species</b>	Mouse
<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.

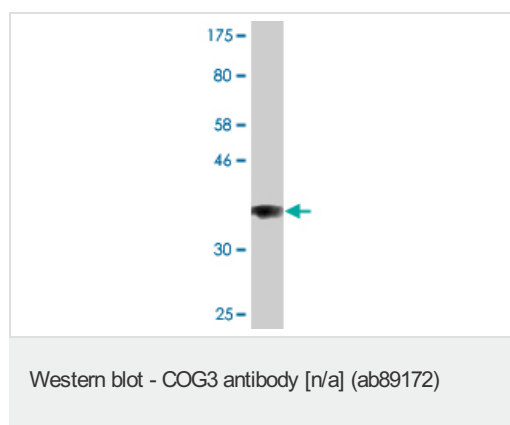
Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 94 kDa.

Application	Abreviews	Notes
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

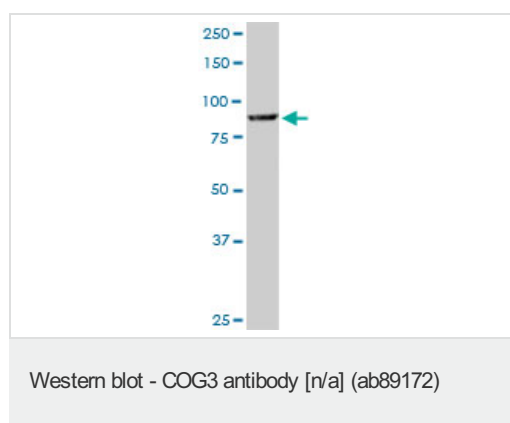


Anti-COG3 antibody (ab89172) at 5 µg/ml + tagged, recombinant human COG3 protein fragment (the immunogen) at 0.2 µg

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"

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