

COG7 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18478b**Specification**

COG7 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P83436
Other Accession	NP_705831.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	86344
Antigen Region	725-753

COG7 Antibody (C-term) - Additional Information**Gene ID** 91949**Other Names**

Conserved oligomeric Golgi complex subunit 7, COG complex subunit 7, Component of oligomeric Golgi complex 7, COG7

Target/Specificity

This COG7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 725-753 amino acids from the C-terminal region of human COG7.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

COG7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

COG7 Antibody (C-term) - Protein Information**Name** COG7

Function Required for normal Golgi function.

Cellular Location

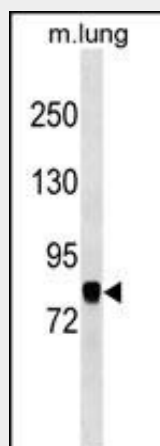
Golgi apparatus membrane; Peripheral membrane protein

COG7 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

COG7 Antibody (C-term) - Images



COG7 Antibody (C-term) (Cat. #AP18478b) western blot analysis in mouse lung tissue lysates (35ug/lane). This demonstrates the COG7 antibody detected the COG7 protein (arrow).

COG7 Antibody (C-term) - Background

The protein encoded by this gene resides in the golgi, and constitutes one of the 8 subunits of the conserved oligomeric Golgi (COG) complex, which is required for normal golgi morphology and localization. Mutations in this gene are associated with the congenital disorder of glycosylation type IIe.

COG7 Antibody (C-term) - References

Zeevaert, R., et al. Eur J Med Genet 52(5):303-305(2009)
Laufman, O., et al. EMBO J. 28(14):2006-2017(2009)
Morava, E., et al. Eur. J. Hum. Genet. 15(6):638-645(2007)
Steet, R., et al. Mol. Biol. Cell 17(5):2312-2321(2006)
Shestakova, A., et al. Traffic 7(2):191-204(2006)