

COG3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11460B

Specification

COG3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q96JB2
Other Accession	Q8CI04 , NP_113619.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	94096
Antigen Region	666-695

COG3 Antibody (C-term) - Additional Information

Gene ID 83548

Other Names

Conserved oligomeric Golgi complex subunit 3, COG complex subunit 3, Component of oligomeric Golgi complex 3, Vesicle-docking protein SEC34 homolog, p94, COG3, SEC34

Target/Specificity

This COG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 666-695 amino acids from the C-terminal region of human COG3.

Dilution

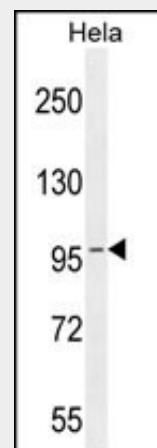
WB~~1:1000

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.



COG3 Antibody (C-term) (Cat. #AP11460b) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the COG3 antibody detected the COG3 protein (arrow).

COG3 Antibody (C-term) - Background

The protein encoded by this gene has similarity to a yeast protein. It seems to be part of a peripheral membrane protein complex localized on cis/medial Golgi cisternae where it may participate in tethering intra-Golgi transport vesicles. [provided by RefSeq].

COG3 Antibody (C-term) - References

Laufman, O., et al. EMBO J. 28(14):2006-2017(2009)
Shestakova, A., et al. Traffic 7(2):191-204(2006)
Loh, E., et al. J. Biol. Chem. 279(23):24640-24648(2004)
Dunham, A., et al. Nature 428(6982):522-528(2004)
Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003)

Precautions

COG3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

COG3 Antibody (C-term) - Protein Information

Name COG3

Synonyms SEC34

Function

Involved in ER-Golgi transport.

Cellular Location

Golgi apparatus, Golgi stack membrane; Peripheral membrane protein.

Note=Associated with the peripheral membrane of cis/medial cisternae

Tissue Location

Widely expressed with highest levels in pancreas and testis and lowest levels in lung.

COG3 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](#)