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COG2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9379a

Specification

COG2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q14746

COG2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 22796

Other Names
Conserved oligomeric Golgi complex subunit 2, COG complex subunit 2, Component of oligomeric Golgi complex 2, Low density lipoprotein receptor defect C-complementing protein, COG2, LDLC

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

COG2 Antibody (N-term) Blocking Peptide - Protein Information

Name COG2

Synonyms LDLC

Function
Required for normal Golgi morphology and function.

Cellular Location
Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side

COG2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

COG2 Antibody (N-term) Blocking Peptide - Images

COG2 Antibody (N-term) Blocking Peptide - Background

COG2 encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi complex. The encoded protein specifically interacts with the USO1 vesicle docking protein and may be necessary for normal Golgi ribbon formation and trafficking of Golgi enzymes.

COG2 Antibody (N-term) Blocking Peptide - References

Edwards, T.L., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (5), 721-735 (2009)Luke, M.M., et al. Stroke 40(2):363-368(2009)Shiffman, D., et al. Arterioscler. Thromb. Vasc. Biol. 28(1):173-179(2008)Sohda, M., et al. Traffic 8(3):270-284(2007)Ungar, D., et al. Trends Cell Biol. 16(2):113-120(2006)