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COG5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9601c

Specification

COG5 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9UP83

COG5 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 10466

Other Names
Conserved oligomeric Golgi complex subunit 5, COG complex subunit 5, 13S Golgi transport complex 90 kDa subunit, GTC-90, Component of oligomeric Golgi complex 5, Golgi transport complex 1, COG5, GOLTC1, GTC90

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.

COG5 Antibody (Center) Blocking Peptide - Protein Information

Name COG5 (HGNC:14857)

Synonyms GOLTC1, GTC90

Function
Required for normal Golgi function.

Cellular Location
Cytoplasm, cytosol. Golgi apparatus membrane; Peripheral membrane protein

COG5 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

COG5 Antibody (Center) Blocking Peptide - Images

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COG5 Antibody (Center) Blocking Peptide - Background

Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for intracellular transport and glycoprotein modification. Several complexes have been identified, including the Golgi transport complex (GTC), the LDLC complex, which is involved in glycosylation reactions, and the SEC34 complex, which is involved in vesicular transport. These 3 complexes are identical and have been termed the conserved oligomeric Golgi (COG) complex, which includes COG5 (Ungar et al., 2002 [PubMed 11980916]).

COG5 Antibody (Center) Blocking Peptide - References

Kerkhof, H.J., et al. Arthritis Rheum. 62(2):499-510(2010)Smith, R.D., et al. Carbohydr. Res. 343(12):2024-2031(2008)Morava, E., et al. Eur. J. Hum. Genet. 15(6):638-645(2007)