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GCC2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10197b

Specification

GCC2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q8IWJ2
Other Accession	NP_852118.1

GCC2 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 9648

Other Names
GRIP and coiled-coil domain-containing protein 2, 185 kDa Golgi coiled-coil protein, GCC185, CLL-associated antigen KW-11, CTCL tumor antigen se1-1, Ran-binding protein 2-like 4, RanBP2L4, Renal carcinoma antigen NY-REN-53, GCC2, KIAA0336, RANBP2L4

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.

GCC2 Antibody (C-term) Blocking peptide - Protein Information

Name GCC2

Synonyms KIAA0336, RANBP2L4

Function
Golgin which probably tethers transport vesicles to the trans-Golgi network (TGN) and regulates vesicular transport between the endosomes and the Golgi. As a RAB9A effector it is involved in recycling of the mannose 6-phosphate receptor from the late endosomes to the TGN. May also play a role in transport between the recycling endosomes and the Golgi. Required for maintenance of the Golgi structure, it is involved in the biogenesis of noncentrosomal, Golgi- associated microtubules through recruitment of CLASP1 and CLASP2.

Cellular Location
Cytoplasm. Golgi apparatus, trans-Golgi network membrane; Peripheral membrane protein

Tissue Location
Ubiquitous..

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GCC2 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

GCC2 Antibody (C-term) Blocking peptide - Images

GCC2 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a peripheral membraneprotein localized to the trans-Golgi network. It is sensitive tobrefeldin A. This encoded protein contains a GRIP domain which isthought to be used in targeting. Alternative splicing results inmultiple transcript variants.

GCC2 Antibody (C-term) Blocking peptide - References

Houghton, F.J., et al. Cell 138(4):787-794(2009)Hayes, G.L., et al. Mol. Biol. Cell 20(1):209-217(2009)Burguete, A.S., et al. Cell 132(2):286-298(2008)Efimov, A., et al. Dev. Cell 12(6):917-930(2007)Derby, M.C., et al. Traffic 8(6):758-773(2007)