

GCC185 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2615a**Specification**

GCC185 Antibody (internal region) - Product Information

Application	IHC, E
Primary Accession	Q8IWJ2
Other Accession	NP_055450.1 , NP_852118.1 , 9648
Reactivity	Human
Predicted	Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	195910

GCC185 Antibody (internal region) - 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

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GCC185 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GCC185 Antibody (internal region) - 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

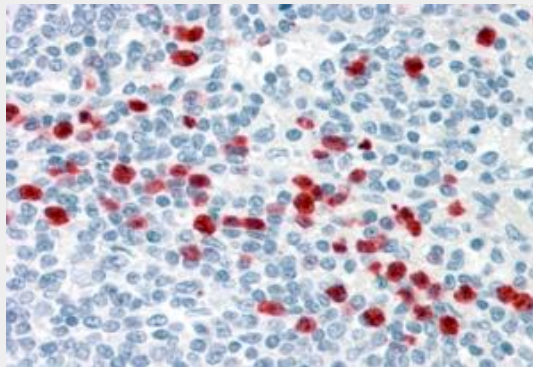
Tissue Location

Ubiquitous..

GCC185 Antibody (internal region) - 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](#)

GCC185 Antibody (internal region) - Images

AF2615a (3.8 µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

GCC185 Antibody (internal region) - Background

This antibody is expected to recognise both reported isoforms (NP_055450.1 and NP_852118.1).

GCC185 Antibody (internal region) - References

Asymmetric CLASP-dependent nucleation of noncentrosomal microtubules at the trans-Golgi network. Efimov A, Kharitonov A, Efimova N, Loncarek J, Miller PM, Andreyeva N, Gleeson P, Galjart N, Maia AR, McLeod IX, Yates JR 3rd, Maiato H, Khodjakov A, Akhmanova A, Kaverina I. Dev Cell. 2007 Jun;12(6):917-30. PMID: 17543864