10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GCC2 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS13702

Specification

GCC2 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q8IWJ2
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**196kDa KDa**

GCC2 Antibody (Internal) - 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

Target/Specificity
Human GCC2. This antibody is expected to recognise both reported isoforms (NP_055450.1and NP_852118.1).

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
GCC2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

GCC2 Antibody (Internal) - 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

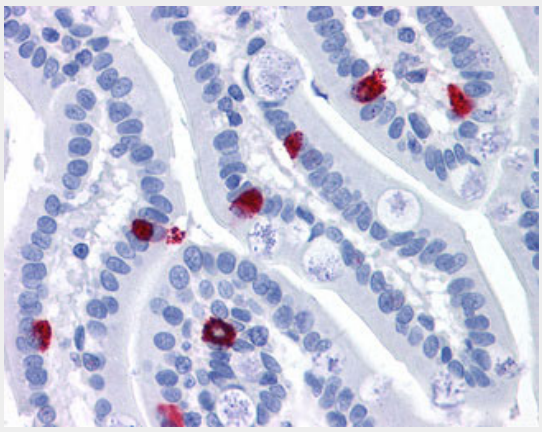
Tissue Location
Ubiquitous..

GCC2 Antibody (Internal) - Protocols

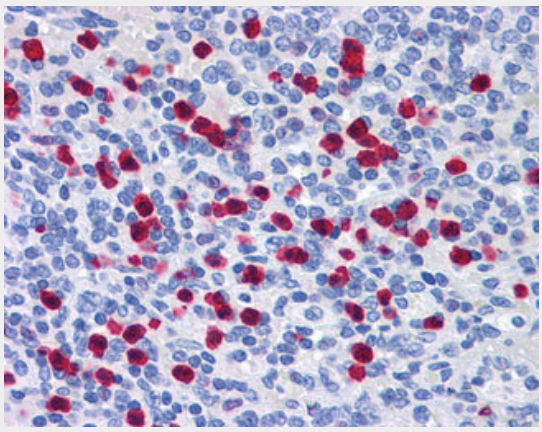
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GCC2 Antibody (Internal) - Images



Anti-GCC2 antibody IHC of human small intestine.



Anti-GCC2 antibody IHC of human spleen.

GCC2 Antibody (Internal) - Background

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.

GCC2 Antibody (Internal) - References

Nagase T.,et al.DNA Res. 4:141-150(1997).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Krackhardt A.M.,et al.Blood 100:2123-2131(2002).
Eichmueller S.,et al.Proc. Natl. Acad. Sci. U.S.A. 98:629-634(2001).