

**ARG58989**  
**anti-GCC2 / GCC185 antibody**Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes GCC2 / GCC185
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GCC2 / GCC185
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-300 of Human GCC2 (NP_852118.1).
Conjugation	Un-conjugated
Alternate Names	185 kDa Golgi coiled-coil protein; Renal carcinoma antigen NY-REN-53; REN53; Ran-binding protein 2-like 4; RANBP2L4; GRIP and coiled-coil domain-containing protein 2; CLL-associated antigen KW-11; RanBP2L4; CTCL tumor antigen se1-1; GCC185

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	196 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

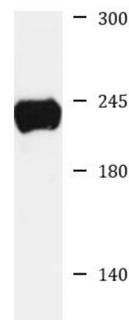
## Bioinformation

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Gene Symbol	GCC2
Gene Full Name	GRIP and coiled-coil domain containing 2
Background	The protein encoded by this gene is a peripheral membrane protein localized to the trans-Golgi network. It is sensitive to brefeldin A. This encoded protein contains a GRIP domain which is thought to be used in targeting. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2009]
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. [UniProt]
Calculated Mw	196 kDa
Cellular Localization	Cytoplasm, Golgi apparatus, Peripheral membrane protein, trans-Golgi network membrane. [UniProt]

## Images

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HeLa

ARG58989 anti-GCC2 / GCC185 antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG58989 anti-GCC2 / GCC185 antibody at 1:3000 dilution.