

ARG58993 anti-GCC2 / GCC185 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GCC2 / GCC185
Tested Reactivity	Hu, Ms
Predict Reactivity	Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GCC2 / GCC185
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 1581-1609 of Human GCC2 / GCC185.
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 - 1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse stomach	

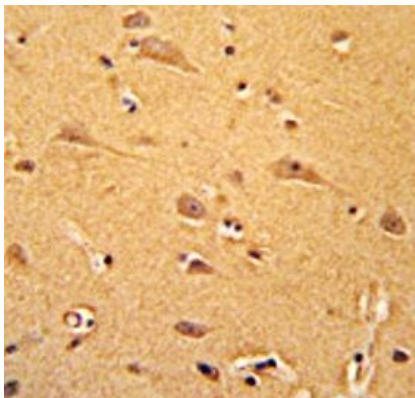
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
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 or below. 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

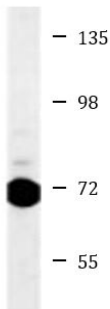
Gene Symbol	GCC2
Gene Full Name	GRIP and coiled-coil domain containing 2
Background	The protein encoded by this gene is a peripheral membrane protein localized to the trans-Golgi network. It is sensitive to brefeldin A. This encoded protein contains a GRIP domain which is thought to be used in targeting. 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, trans-Golgi network membrane; Peripheral membrane protein. [UniProt]

Images



ARG58993 anti-GCC2 / GCC185 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human brain tissue stained with ARG58993 anti-GCC2 / GCC185 antibody.



Mouse stomach

ARG58993 anti-GCC2 / GCC185 antibody WB image

Western blot: 15 µg of Mouse stomach lysate stained with ARG58993 anti-GCC2 / GCC185 antibody.