

Rabbit GCC2 Polyclonal Antibody | anti-GCC2 antibody

GCC2 Antibody (C-term)

CATALOG # AAA28751	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Rat)	APPLICATIONS Western Blot, ELISA, Immunohistochemistry
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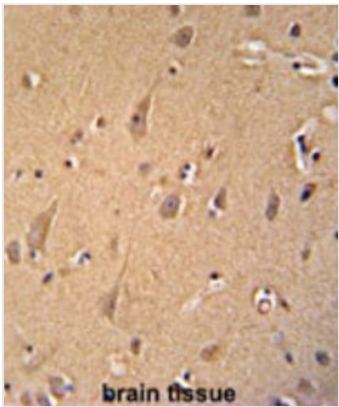
PRODUCT SYNONYMS

GCC2; Polyclonal Antibody; GCC2 Antibody (C-term); 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; KIAA0336; RANBP2L4; anti-GCC2 antibody

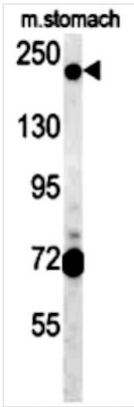
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	IgG
Specificity	This GCC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1581-1609 amino acids from the C-terminal region of human GCC2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	1581-1609
Sequence Length	1684
Applicable Applications for anti-GCC2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Application Notes	WB~~1:1000 IHC-P~~1:50~100
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
Preparation and Storage	Maintain refrigerated at 2-8 degree for up to 2 weeks. For long term storage store at -20 degree in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
GCC2 antibody (C-term) (AAA28751) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GCC2 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GCC2 Antibody (C-term) (AAA28751) western blot analysis in mouse stomach tissue lysates (15ug/lane). This demonstrates the GCC2 antibody detected GCC2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GCC2 antibody	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.
Product Categories/Family for anti-GCC2 antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31563507
NCBI GeneID	9648
NCBI Accession #	NP_852118.1
NCBI GenBank Nucleotide #	NM_181453.3
UniProt Accession #	Q8IWJ2; O15045; Q4ZG46; Q8TDH3; Q9H2G8; A6H8X8
Molecular Weight	Calculated MW: 195910
NCBI Official Full Name	GRIP and coiled-coil domain-containing protein 2
NCBI Official Synonym Full Names	GRIP and coiled-coil domain containing 2
NCBI Official Symbol	GCC2
NCBI Official Synonym Symbols	REN53; GCC185; RANBP2L4
NCBI Protein Information	GRIP and coiled-coil domain-containing protein 2
UniProt Protein Name	GRIP and coiled-coil domain-containing protein 2
UniProt Gene Name	GCC2
UniProt Synonym Gene Names	KIAA0336; RANBP2L4; GCC185; RanBP2L4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gcc2-antibody-western-blot-immunohistochemistry-elisa/28751>