

Rabbit anti-Human GOLGA1 Polyclonal Antibody | anti-GOLGA1 antibody

Anti-GOLGA1 Antibody, Rabbit Polyclonal

CATALOG # AAA256704	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot
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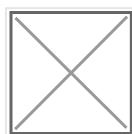
PRODUCT SYNONYMS

GOLGA1; Polyclonal Antibody; Anti-GOLGA1 Antibody; Rabbit Polyclonal; GOLGA1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-golgin-97 Antibody; Anti-RP11-175D17.2 Antibody; anti-GOLGA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GOLGA1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-GOLGA1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human GOLGA1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human GOLGA1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

GOLGA1 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 1 uL anti-GOLGA1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-GOLGA1 rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 88 kDa. Observed band size: 100 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of GOLGA1 in A549 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human GOLGA1 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Golgi apparatus.



WB (Western Blot)

Anti-GOLGA1 rabbit polyclonal antibody at 1:500 dilution
Lane A: HepG2 Whole Cell Lysate
Lane B: HeLa Whole Cell Lysate
Lane C: SW480 Whole Cell Lysate
Lane D: 293 Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 88 kDa
Observed band size: 100 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GOLGA1 antibody	The golgins are a family of predominantly coiled-coil proteins that are localized to the Golgi apparatus. Golgins are present in all eukaryotes, suggesting an evolutionarily conserved function. Golgins are anchored to the Golgi membrane by their carboxy terminus and are predicted to adopt an extended conformation that projects into the surrounding cytoplasm. The GOLGA1 (also known as golgin-97) gene encodes a peripheral Golgi membrane protein that has both cytosolic and membrane-associated pools. Golgin-97 is recruited to trans-Golgi network (TGN) membranes by binding of its C-terminal GRIP domain with the small GTPase ARL1 and functions in targeting endosomal vesicles to the TGN.
References	Witkos TM, et al. (2015) The golgin family of coiled-coil tethering proteins. Front Cell Dev Biol 3 86.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/golga1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/256704>