

Rabbit Golgin 97 Polyclonal Antibody | anti-GOLGA1 antibody

Golgin 97 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328994	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(88%), Zebrafish(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(88%), Xenopus(88%)	ELISA

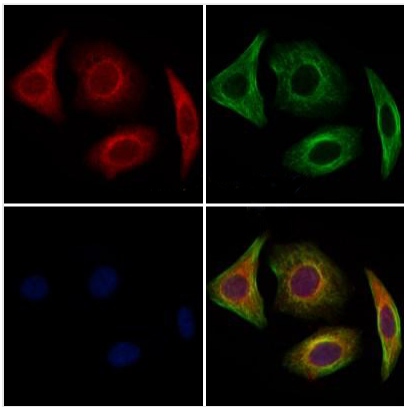
PRODUCT SYNONYMS

Golgin 97; Polyclonal Antibody; Golgin 97 Antibody; Gap junction protein alpha 4 37kD; GOGA1_HUMAN; Golga 1; GOLGA1; Golgi autoantigen golgin subfamily a 1; Golgi autoantigen golgin subfamily A member 1; Golgi autoantigen golgin subfamily a1.; Golgin A1; Golgin subfamily A member 1; Golgin-97; Golgin97; MGC33154; anti-GOLGA1 antibody

PRODUCT SPECIFICATIONS

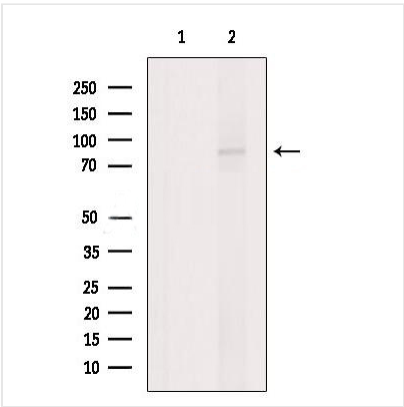
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(88%), Zebrafish(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(88%), Xenopus(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Golgin 97 Antibody detects endogenous levels of total Golgin 97.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	767
Applicable Applications for anti-GOLGA1 antibody	ELISA
Immunogen	A synthesized peptide derived from human Golgin 97, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328994 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA328994 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Pc12, using Golgin 97 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GOLGA1 antibody	Function: Involved in vesicular trafficking at the Golgi apparatus level. Involved in endosome-to-Golgi trafficking.
	Subcellular Location: Golgi apparatus membrane>Peripheral membrane protein. Golgi apparatus>trans-Golgi network membrane. Cytoplasmic vesicle>Secretory vesicle>Acrosome.
	Subunit Structure: Interacts with RAB6A (PubMed:10209123). Directly interacts with TBC1D23 (PubMed:29084197). Interacts with FAM91A1; this interaction may be mediated by TBC1D23 (PubMed:29084197).

NCBI AND UNIPROT INFORMATION

NCBI GI #	311033445
NCBI GeneID	2800
UniProt Accession #	Q92805
Molecular Weight	Observed Molecular Weight: (Observed)88kD. Predicted Molecular Weight: (Calculated)88kDa.
NCBI Official Full Name	Golgin subfamily A member 1
NCBI Official Synonym Full Names	golgin A1
NCBI Official Symbol	GOLGA1
NCBI Official Synonym Symbols	golgin-97
NCBI Protein Information	golgin subfamily A member 1
UniProt Protein Name	Golgin subfamily A member 1
UniProt Gene Name	GOLGA1
UniProt Entry Name	GOGA1_HUMAN

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.