SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-GOLGA1 Polyclonal Antibody

Catalog Number: SLA0016

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	2800
SWISS:	Q92805
Target:	GOLGA1
Immunogen:	KLH conjugated synthetic peptide derived from human GOLGA1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	88 kDa
Subcellular Location:	Cytoplasm
Background:	The GRIP family member, golgin 97, is a trans-Golgi network peripheral membrane protein with an extensive coiled-coil structure (67% alpha-helical content) and a C-terminal GRIP domain. Golgin 97 localizes exclusively on the cytoplasmic face of the Golgi and can form homodimers. Binding of golgin 97 to the Golgi membrane is mediated by the G protein family member, Arl1. Golgin 97 acts as an essential player to the cell in the form of a tethering molecule associating with tubulovesicular carriers during the trafficking from the trans-Golgi network to the recycling endosome and/or early endosome. During poxvirus infection, golgin 97 accumulates at the site of viral replication and is incorporated into virions. It associates with the insoluble fraction of the virus core protein, playing a significant role in virus replication and maturation of the virus membrane and core protein. Golgin 97 takes on a rod-like shape and, although it seemingly lacks a

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	transmembrane domain, it protrudes from the surface of the virion envelope.

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