

Rabbit Anti-GOLGA3/AF350 Conjugated antibody

SL13480R-AF350

Product Name	Anti-GOLGA3/AF350
Chinese Name	AF350 标记的高尔基体膜相关蛋白抗体
Alias	GCP170; GOLGA 3; GOLGA3; Golgi autoantigen; Golgi complex associated protein of 170 kDa; Golgi complex-associated protein of 170 kD; Golgi membrane associated protein; Golgi peripheral membrane protein; Golgin 160; Golgin subfamily a 3; HGNC:4426; Male enhanced antigen 2; MEA2; SY2/SY10 protein; GOGA3_HUMAN.
Research Area	Cell biology Signal transduction Transporter
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Cow,Rabbit,Sheep)
Applications	ICC/IF=1:50-200,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	167kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human GOLGA3/Golgin 160
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: The Golgi apparatus consists of a series of stacked, flattened membrane stacks called cisternae that are involved in the transport of lipids and proteins in the

secretory pathway and are important for Golgi-microtubule interaction. Golgin 160 is a 1,498 amino acid protein that localizes to both the cytoplasm and to the Golgi apparatus and contains a series of coiled-coil domains. Expressed in a variety of tissues, including heart, liver, testis, kidney, lung and salivary gland, golgin 160 functions as a homodimer that interacts with GOLGA7 and is thought to be involved in maintaining Golgi structure and may play a role in nuclear transport and Golgi apparatus localization. Multiple isoforms of golgin 160 exist due to alternative splicing events.

Function:

GOLGA3 is a member of the golgin family of proteins which are localized to the Golgi. It has been postulated to play a role in nuclear transport and Golgi apparatus localization.

Subunit:

Homodimer. Interacts with GOLGA7. Isoform 1 interacts with GOPC while isoform 3 does not.

Subcellular Location:

Cytoplasmic and Golgi Apparatus.

Tissue Specificity:

Expressed in all tissues tested. Expressed in liver, testis, lung, heart, salivary gland and kidney.

Post-translational modifications:

Cleaved by caspases in apoptotic cells.

Database links:

[Entrez Gene: 2802](#) Human

[Omim: 602581](#) Human

[SwissProt: Q08378](#) Human

[Unigene: 507333](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.