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# GOLGA5 Antibody (Center)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**

**Catalog # AP14147c**

## Specification

### GOLGA5 Antibody (Center) - Product Information

| | |
|---|---|
| Application | **WB, FC,E** |
| Primary Accession | Q8TBA6 |
| Other Accession | NP_005104.2 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **83024** |
| Antigen Region | **381-408** |

### GOLGA5 Antibody (Center) - Additional Information

**Gene ID** 9950

**Other Names**
Golgin subfamily A member 5, Cell proliferation-inducing gene 31 protein, Golgin-84, Protein Ret-II, RET-fused gene 5 protein, GOLGA5, RETII, RFG5

**Target/Specificity**
This GOLGA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 381-408 amino acids from the Central region of human GOLGA5.

**Dilution**
WB~~1:1000
FC~~1:10~50

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
GOLGA5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### GOLGA5 Antibody (Center) - Protein Information

**Name** GOLGA5

**Synonyms** RETII, RFG5

**Function** Involved in maintaining Golgi structure. Stimulates the formation of Golgi stacks and ribbons. Involved in intra-Golgi retrograde transport.

**Cellular Location**
Golgi apparatus membrane; Single-pass type IV membrane protein. Note=Found throughout the Golgi, both on cisternae and, at higher abundance, on the tubulo-vesicular structures of the cis-Golgi network

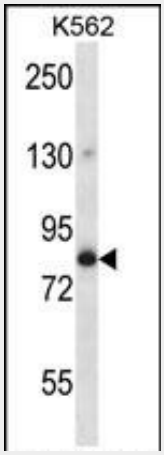
**Tissue Location**
Ubiquitous. Highly expressed in seminiferous tubules and Leydig cells in testis, and detected at much lower levels in the other tissues tested. Expression is very low or not detectable in spermatozoa.

## GOLGA5 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

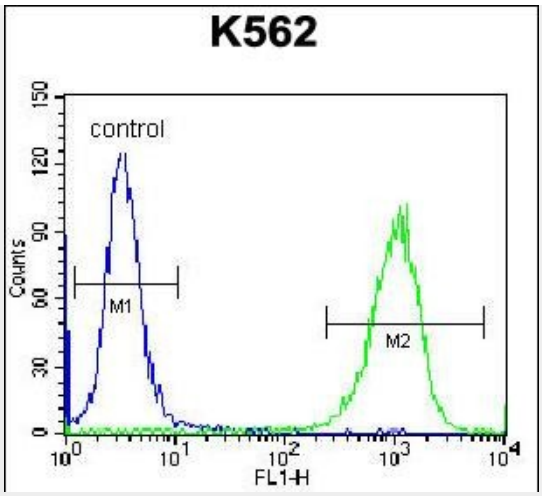
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## GOLGA5 Antibody (Center) - Images




GOLGA5 Antibody (Center) (Cat. #AP14147c) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the GOLGA5 antibody detected the GOLGA5 protein (arrow).

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GOLGA5 Antibody (Center) (Cat. #AP14147c) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

## GOLGA5 Antibody (Center) - Background

The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This protein is a coiled-coil membrane protein that has been postulated to play a role in vesicle tethering and docking. Translocations involving this gene and the ret proto-oncogene have been found in tumor tissues; the chimeric sequences have been designated RET-II and PTC5.

## GOLGA5 Antibody (Center) - References

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Malsam, J., et al. Science 307(5712):1095-1098(2005)
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