

**Goat Anti-GOLGA3 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1488a****Specification**

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**Goat Anti-GOLGA3 Antibody - Product Information**

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|-------------------|--------------------------------------------------|
| Application       | WB, E                                            |
| Primary Accession | <a href="#">Q08378</a>                           |
| Other Accession   | <a href="#">NP_005886</a> , <a href="#">2802</a> |
| Reactivity        | Human                                            |
| Host              | Goat                                             |
| Clonality         | Polyclonal                                       |
| Concentration     | 100ug/200ul                                      |
| Isotype           | IgG                                              |
| Calculated MW     | 167355                                           |

**Goat Anti-GOLGA3 Antibody - Additional Information****Gene ID** 2802**Other Names**

Golgin subfamily A member 3, Golgi complex-associated protein of 170 kDa, GCP170, Golgin-160, GOLGA3

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-GOLGA3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-GOLGA3 Antibody - Protein Information****Name** GOLGA3**Function**

Golgi auto-antigen; probably involved in maintaining Golgi structure.

**Cellular Location**

Cytoplasm. Golgi apparatus, Golgi stack membrane; Peripheral membrane protein

**Tissue Location**

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

**Goat Anti-GOLGA3 Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat Anti-GOLGA3 Antibody - Images**

AF1488a (0.1 µg/ml) staining of Hela lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Goat Anti-GOLGA3 Antibody - 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 a member of the golgin family of proteins which are localized to the Golgi. Its encoded protein has been postulated to play a role in nuclear transport and Golgi apparatus localization. Several alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.

**Goat Anti-GOLGA3 Antibody - References**

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success

genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

Identification of a common autoantigenic epitope of protein disulfide isomerase, golgin-160 and voltage-gated potassium channel in type 1 diabetes. Fierabracci A, et al. Diabetes Res Clin Pract, 2010 May. PMID 20170975.

Identification of a redox-sensitive cysteine in GCP60 that regulates its interaction with golgin-160. Sbodio JI, et al. J Biol Chem, 2007 Oct 12. PMID 17711851.

Systematic analysis of the protein interaction network for the human transcription machinery reveals the identity of the 7SK capping enzyme. Jeronimo C, et al. Mol Cell, 2007 Jul 20. PMID 17643375.

Golgin-160 promotes cell surface expression of the beta-1 adrenergic receptor. Hicks SW, et al. Traffic, 2006 Dec. PMID 17118120.