

# Anti-Golgin 97 GOLGA1 Monoclonal Antibody

Catalog # ABO14402

## Product Information

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| <b>Application</b>       | WB, IP                                                                                                         |
| <b>Primary Accession</b> | <a href="#">Q92805</a>                                                                                         |
| <b>Host</b>              | Rabbit                                                                                                         |
| <b>Isotype</b>           | Rabbit IgG                                                                                                     |
| <b>Reactivity</b>        | Human                                                                                                          |
| <b>Clonality</b>         | Monoclonal                                                                                                     |
| <b>Format</b>            | Liquid                                                                                                         |
| <b>Description</b>       | Anti-Golgin 97 GOLGA1 Monoclonal Antibody . Tested in WB, IP applications.<br>This antibody reacts with Human. |

## Additional Information

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| <b>Gene ID</b>             | 2800                                                                                                                                                                                                                                                                                                                                               |
| <b>Other Names</b>         | Golgin subfamily A member 1, Golgin-97, GOLGA1                                                                                                                                                                                                                                                                                                     |
| <b>Calculated MW</b>       | 88184                                                                                                                                                                                                                                                                                                                                              |
| <b>Application Details</b> | WB 1:1000-1:5000<br>IP 1:30                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>              | Eukaryota                                                                                                                                                                                                                                                                                                                                          |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                                                                                                                                                                                                |
| <b>Clone Names</b>         | Clone: ACAD-7                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>           | A synthesized peptide derived from human Golgin 97 The Golgi-associated protein golgin A1 (GOLGA1, golgin-97) was first isolated as a Golgi complex autoantigen associated with the autoimmune disorder Sjogren's syndrome. The golgin-97 protein contains a carboxy-terminal GRIP domain and is a commonly used trans-Golgi network (TGN) marker. |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                         |

## Protein Information

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| <b>Name</b>     | GOLGA1                                                                      |
| <b>Function</b> | Involved in vesicular trafficking at the Golgi apparatus level. Involved in |

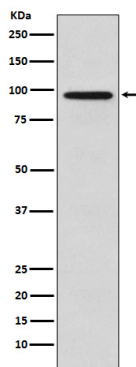
endosome-to-Golgi trafficking. Mechanistically, captures transport vesicles arriving from endosomes via the protein TBC1D23 (PubMed:[29084197](#), PubMed:[38552021](#)). Recognized vesicles are then tethered to the trans-Golgi before subsequent SNARE engagement and vesicle fusion. Selectively regulates E-cadherin transport from the trans-Golgi network in tubulovesicular carriers (PubMed:[34969853](#)).

#### Cellular Location

Golgi apparatus membrane; Peripheral membrane protein. Golgi apparatus, trans-Golgi network membrane Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250 | UniProtKB:Q9CW79}

#### Images

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Western blot analysis of Golgin 97 expression in HeLa cell lysate.

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