

Anti-GOLGIN97 GOLGA1 Antibody

Catalog Number: A13524

About GOLGA1

GOLGIN97 was initially isolated as a Golgi complex autoantigen associated with Sjogren's syndrome, a chronic autoimmune disease in which the body's white blood cells destroy the exocrine glands, specifically the salivary and lacrimal glands (1,2). GOLGIN97 plays a role as a tethering molecule in endosome to the trans-Golgi network (TGN) retrograde traffic (3). FIP1/RCP binding to GOLGIN97 is required for tethering and fusion of recycling endosome retrograde transport vesicles to the TGN (4).

Overview

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| Product Name | Anti-GOLGIN97 GOLGA1 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-GOLGIN97 GOLGA1 Antibody (Catalog # A13524). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | GOLGIN97 antibody is supplied in PBS containing 0.02% sodium azide. |
| Storage Instructions | GOLGIN97 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. |
| Host | Rabbit |
| Uniprot ID | Q92805 |

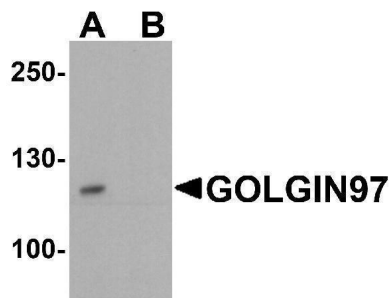
Technical Details

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|----------------------------|---|
| Immunogen | GOLGIN97 antibody was raised against a 17 amino acid peptide near the amino terminus of human GOLGIN97. The immunogen is located within amino acids 30 - 80 of GOLGIN97. |
| Predicted Reactive Species | Mouse |
| Cross Reactivity | GOLGIN97 antibody is human, mouse and rat reactive. At least two isoforms of GOLGIN97 are known to exist; this antibody will detect only the longer isoform. GOLGIN97 antibody is predicted to not cross-react with other GOLGIN family proteins. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | GOLGIN97 antibody is affinity chromatography purified via peptide column. |

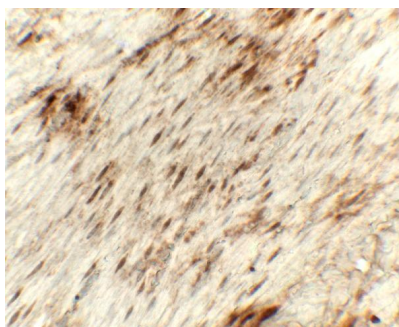
Suggested Dilutions

GOLGIN97 antibody can be used for detection of GOLGIN97 by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.
Antibody validated: Western Blot in human samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

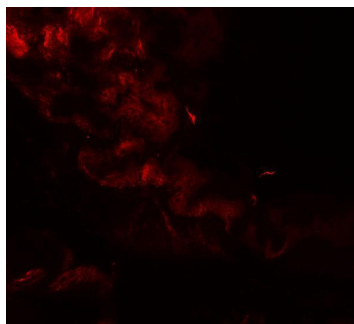
Anti-GOLGIN97 GOLGA1 Antibody (A13524) Images



Western blot analysis of GOLGIN97 in human stomach tissue lysate with GOLGIN97 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of GOLGIN97 in rat stomach tissue with GOLGIN97 antibody at 5 ug/mL.



Immunofluorescence of GOLGIN97 in rat stomach tissue with GOLGIN97 antibody at 20 ug/mL.

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