

Datasheet for ABIN2855796

**anti-GOLGA5 antibody**[Go to Product page](#)

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## Overview

Quantity:	100 µL
Target:	GOLGA5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GOLGA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GOLGA5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Hamster, Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to GOLGA5 (golgin A5) GOLGA5 antibody [N2C2], Internal
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	GOLGA5
Alternative Name:	golgin A5 ( <a href="#">GOLGA5 Products</a> )

## Target Details

**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, whose members localize 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.

Cellular Localization: Golgi apparatus membrane, Single-pass type IV membrane protein

**Molecular Weight:** 83 kDa

**Gene ID:** 9950

**UniProt:** [Q8TBA6](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: Mouse brain , A549

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

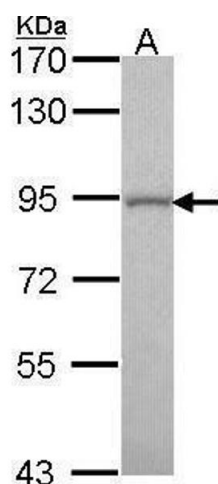
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

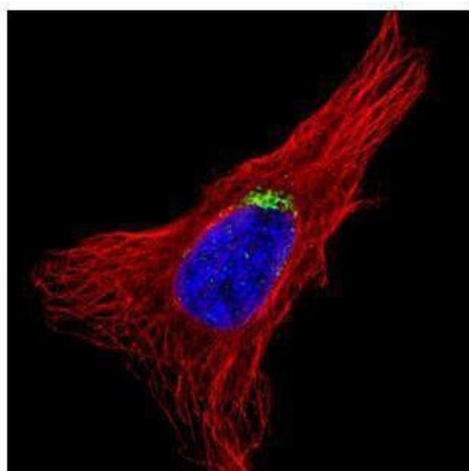
Product cited in: Wei, Ngo, Wu, Lee: "Phosphorylation of the Ndc80 complex protein, HEC1, by Nek2 kinase modulates chromosome alignment and signaling of the spindle assembly checkpoint." in: **Molecular biology of the cell**, Vol. 22, Issue 19, pp. 3584-94, (2012) ([PubMed](#)).

## Images



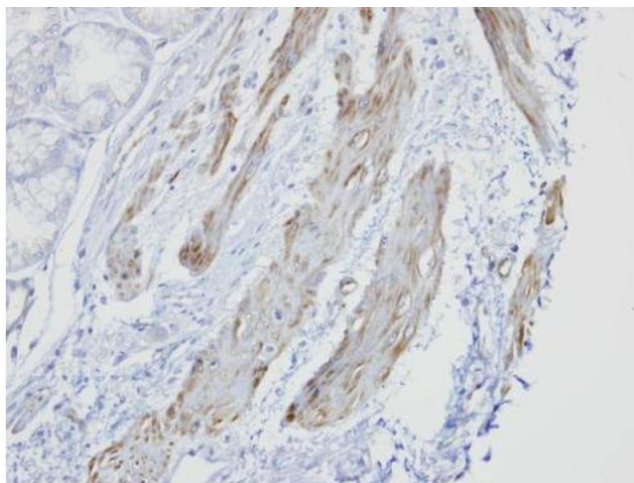
### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: A549 7.5% SDS PAGE antibody diluted at 1:1000



### Immunofluorescence

**Image 2.** ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using GOLGA5, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2500.



### Immunohistochemistry

**Image 3.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human smooth muscle, using GOLGA5, antibody at 1:100 dilution.

## Images

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Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2855796.