

For Research Use Only

# GOLGA7 Polyclonal antibody

Catalog Number: 14723-1-AP

Featured Product



## Basic Information

Catalog Number:

14723-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6460

GenBank Accession Number:

BC012032

GeneID (NCBI):

51125

UNIPROT ID:

Q7Z5G4

Full Name:

golgi autoantigen, golgin subfamily a, 7

Calculated MW:

16 kDa

Observed MW:

15-20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : A549 cells, HEK-293 cells, HL-60 cells, HepG2 cells

IHC : mouse stomach tissue,

## Background Information

GOLGA7 (Golgin subfamily A member 7) is an acylated Golgi protein that interacts with GCP170 protein (PMID: 14522980). The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS. The ZDHHC5-GOLGA7 protein acyltransferase complex promotes nonapoptotic cell death (PMID: 31631010).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

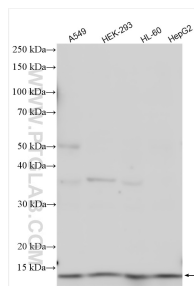
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

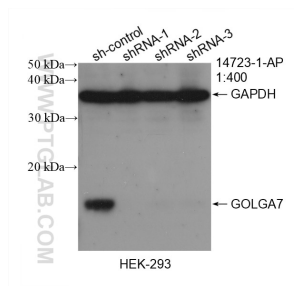
W: [ptglab.com](http://ptglab.com)

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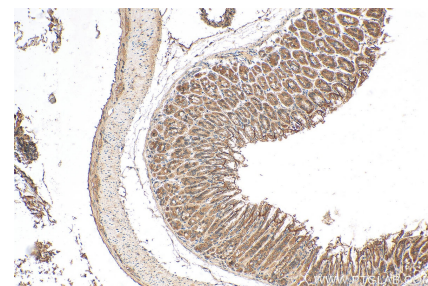
## Selected Validation Data



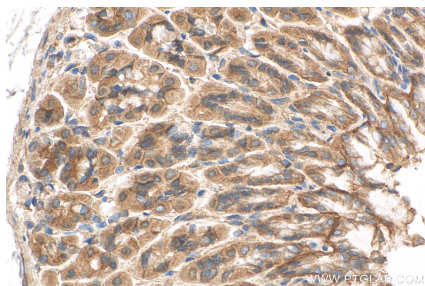
Various lysates were subjected to SDS PAGE followed by western blot with 14723-1-AP (GOLGA7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



WB result of GOLGA7 antibody (14723-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-GOLGA7 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 14723-1-AP (GOLGA7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 14723-1-AP (GOLGA7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).