

For Research Use Only

# GOLGA7 Polyclonal antibody

Catalog Number: 14723-1-AP

Featured Product



## Basic Information

<b>Catalog Number:</b> 14723-1-AP	<b>GenBank Accession Number:</b> BC012032	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51125	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> golgi autoantigen, golgin subfamily a, 7	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 16 kDa	
<b>Immunogen Catalog Number:</b> AG6460	<b>Observed MW:</b> 15-20 kDa	

## Applications

### Tested Applications:

IHC, WB, 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

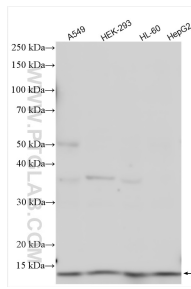
For technical support and original validation data for this product please contact:

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

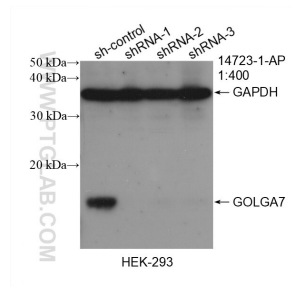
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

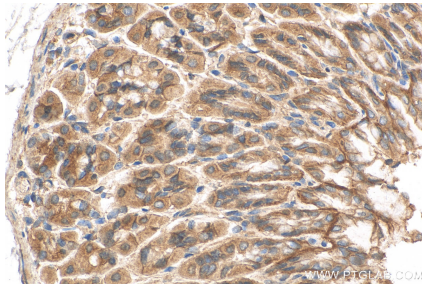
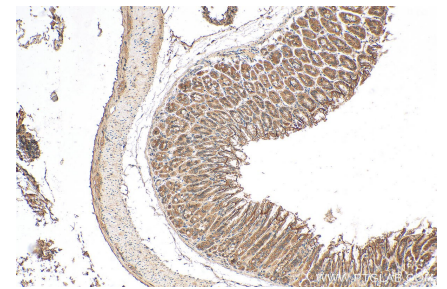
## Selected Validation Data



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 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).