

For Research Use Only

# GYG1 Polyclonal antibody

Catalog Number: 12836-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 12836-1-AP	<b>GenBank Accession Number:</b> BC031096	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2992	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:200-1:800
<b>Source:</b> Rabbit	<b>Full Name:</b> glycogenin 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 350 aa, 39 kDa	
<b>Immunogen Catalog Number:</b> AG3583	<b>Observed MW:</b> 39 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

rat

**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:** MCF-7 cells, human testis tissue, U-251 cells

**IHC:** human thyroid cancer tissue, mouse skeletal muscle tissue, rat skeletal muscle tissue

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Yujun Wan	34973794	Carbohydr Polym	WB

## 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.

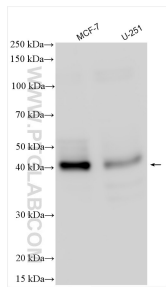
Aliquoting is unnecessary for -20°C storage

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

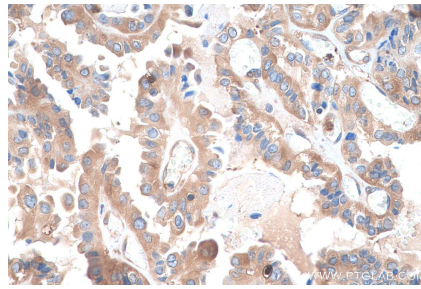
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

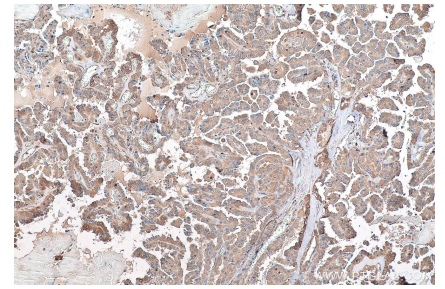
## Selected Validation Data



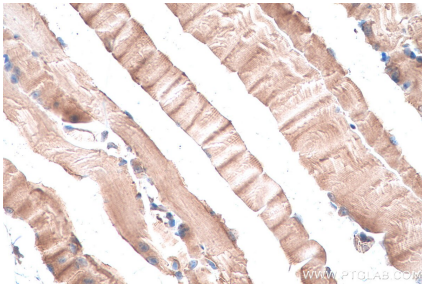
Various lysates were subjected to SDS PAGE followed by western blot with 12836-1-AP (GYG1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



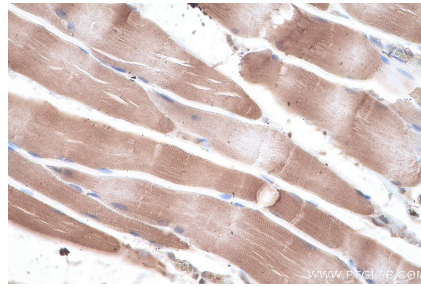
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 12836-1-AP (GYG1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 12836-1-AP (GYG1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 12836-1-AP (GYG1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 12836-1-AP (GYG1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).