

For Research Use Only

# GGN Polyclonal antibody

Catalog Number: 32984-1-AP



## Basic Information

<b>Catalog Number:</b> 32984-1-AP	<b>GenBank Accession Number:</b> NM_152657.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 199720	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86UU5	
<b>Isotype:</b> IgG	<b>Full Name:</b> gametogenetin	
<b>Immunogen Catalog Number:</b> AG38372	<b>Calculated MW:</b> 67kDa 652aa	
	<b>Observed MW:</b> 65 kDa, 70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Calu-1 cells, A549 cells, HT-1080 cells
<b>Species Specificity:</b> human	

## Background Information

Human gametogenetin (GGN) is expressed in the testis and ovaries and is a conserved gene in human and mouse. Recently, GGN was found to play a tumor-promoting role in cancer through regulation of NFkB/caspase-3-mediated apoptosis signaling (PMID: 30721393). GGN can be glycosylated, which may result in an increase in observed molecular weight.

## Storage

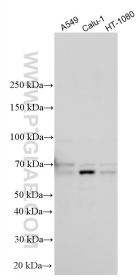
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32984-1-AP (GGN antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.