

For Research Use Only

# GBP6 Polyclonal antibody

Catalog Number: 23001-1-AP

2 Publications



## Basic Information

<b>Catalog Number:</b> 23001-1-AP	<b>GenBank Accession Number:</b> BC131713	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 163351	<b>Recommended Dilutions:</b> WB 1:1000-1:5000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> guanylate binding protein family, member 6	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 633 aa, 72 kDa	
<b>Immunogen Catalog Number:</b> AG19196	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, MCF-7 cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human testis tissue, human lung cancer tissue
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Guanylate-binding protein 6 (GBP6) is a member of the guanylate-binding protein family and is best known as a gene induced by interferon- $\gamma$  signalling. Interferon- $\gamma$  is produced predominantly by NK and T-cells, indicating that GBP6 is involved in host immune response (PMID: 28747659, 27029383). GBP6 has 2 isoforms with the molecular mass of 34 and 72 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kui Xiao	34714841	PLoS One	WB
Pei-Feng Liu	31707626	Clin Oral Investig	WB

## Storage

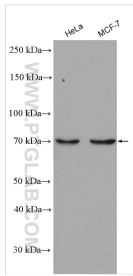
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

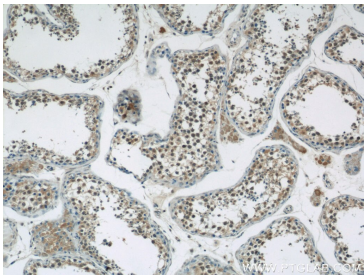
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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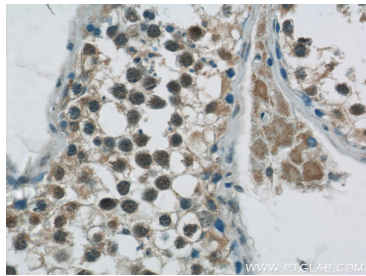
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 23001-1-AP (GBP6 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 23001-1-AP (GBP6 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 23001-1-AP (GBP6 Antibody) at dilution of 1:50 (under 40x lens).