

For Research Use Only

GBP6 Polyclonal antibody

Catalog Number: 23001-1-AP **2 Publications**



Basic Information

Catalog Number: 23001-1-AP	GenBank Accession Number: BC131713	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 900 ug/ml by Nanodrop;	GeneID (NCBI): 163351	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q6ZN66	
Isotype: IgG	Full Name: guanylate binding protein family, member 6	
Immunogen Catalog Number: AG19196	Calculated MW: 633 aa, 72 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HeLa cells, MCF-7 cells
Cited Applications: WB	IHC : human testis tissue, human lung cancer tissue
Species Specificity: human	
Cited Species: human	

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

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- γ signalling. Interferon- γ 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

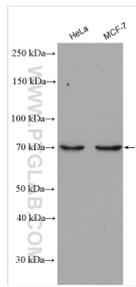
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

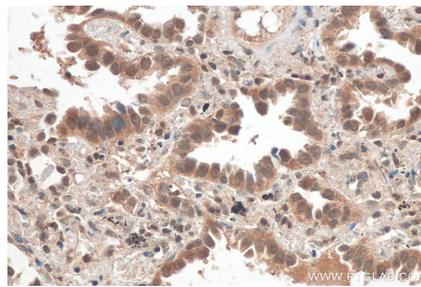
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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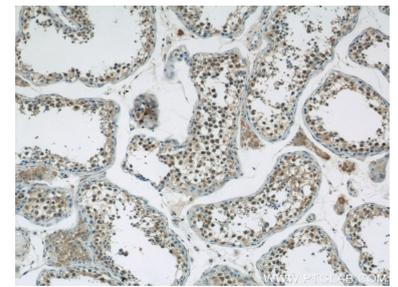
Selected Validation Data



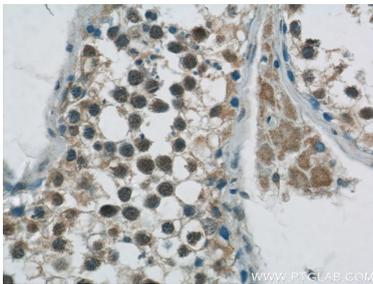
HeLa cells were subjected to SDS PAGE followed by western blot with 23001-1-AP (GBP6 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 23001-1-AP (GBP6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).