

For Research Use Only

# GAS7 Polyclonal antibody

Catalog Number:10072-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 10072-1-AP	<b>GenBank Accession Number:</b> BC001152	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8522	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60861	
<b>Isotype:</b> IgG	<b>Full Name:</b> growth arrest-specific 7	
<b>Immunogen Catalog Number:</b> AG0114	<b>Calculated MW:</b> 47 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : NIH/3T3 cells, mouse testis tissue IF/ICC : HeLa cells,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse, rat	

## Background Information

Growth arrest-specific (GAS) genes are expressed preferentially in cells that enter a quiescent state. Gas7, first identified in serum-starved murine fibroblasts, encodes a 48-kDa protein. 3 isoforms of Gas7 were identified in rat brains, with molecular weight of 38, 47 and 55 kDa in SDS Page.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenchao Zhong	32463418	Biomater Sci	WB
Ji Yuhua Y	22519560	J Proteome Res	WB,IHC
Zhen Yang	38370374	J Cancer	WB

## Storage

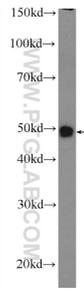
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

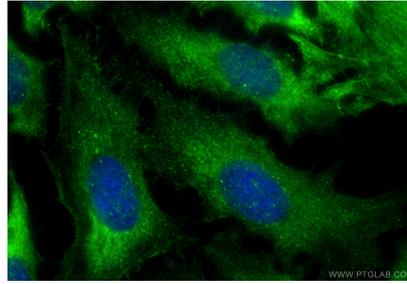
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 10072-1-AP (GAS7 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using GAS7 antibody (10072-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).