

For Research Use Only

# GAS7 Polyclonal antibody

Catalog Number:10072-1-AP

3 Publications



## Basic Information

Catalog Number:

10072-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0114

GenBank Accession Number:

BC001152

GeneID (NCBI):

8522

UNIPROT ID:

O60861

Full Name:

growth arrest-specific 7

Calculated MW:

47 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

Positive Controls:

WB : NIH/3T3 cells, mouse testis tissue

IF/ICC : HeLa cells,

## 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

For technical support and original validation data for this product please contact:

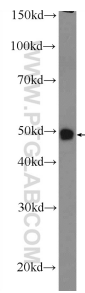
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

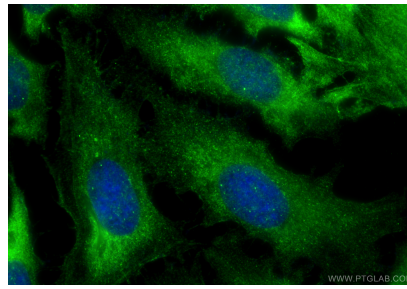
W: [ptgcn.com](http://ptgcn.com)

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).