

For Research Use Only

GAS7 Polyclonal antibody

Catalog Number: 10072-1-AP

3 Publications



Basic Information

Catalog Number:

10072-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

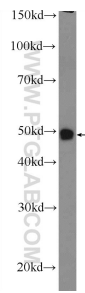
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

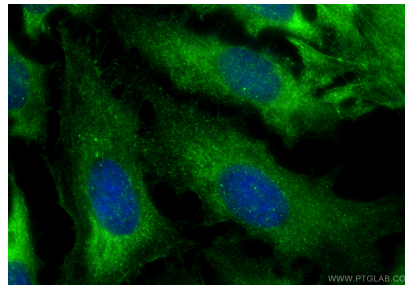
E: proteintech@ptglab.com
W: ptglab.com

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).