

For Research Use Only

GAS7 Polyclonal antibody

Catalog Number: 10072-1-AP **2 Publications**



Basic Information

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

Applications

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

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

Storage

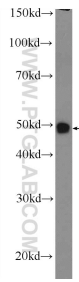
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

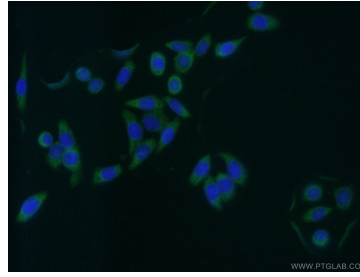
For technical support and original validation data for this product please contact:
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Selected Validation Data



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 10072-1-AP (GAS7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).