

For Research Use Only

GAS1 Polyclonal antibody

Catalog Number: 17903-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

17903-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12275

GenBank Accession Number:

BC074908

GeneID (NCBI):

2619

UNIPROT ID:

P54826

Full Name:

growth arrest-specific 1

Calculated MW:

345 aa, 36 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse

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

Positive Controls:

WB : mouse brain tissue,

IHC : human gliomas tissue,

Background Information

GAS1 is involved in growth suppression. It is an integral plasma membrane protein whose expression is linked to growth arrest. It can be used as a novel therapeutic candidate for gastric cancer.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------------|-----------|--------------|-------------|
| Chuan Dong | 31777535 | Exp Ther Med | WB,IF |
| Anjali Y Bhagirath | 35664968 | FASEB Bioadv | WB |
| Amir Sternfeld | 31988301 | Sci Rep | 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

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

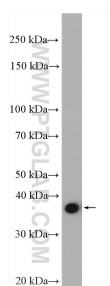
T: 4006900926

E: Proteintech-CN@ptglab.com

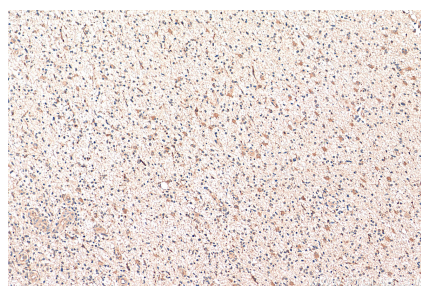
W: ptgcn.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17903-1-AP (GAS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 17903-1-AP (GAS1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).