

For Research Use Only

GAS1 Polyclonal antibody

Catalog Number: 17903-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

17903-1-AP

Size:

150UL, Concentration: 750 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12275

GenBank Accession Number:

BC074908

GeneID (NCBI):

2619

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 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse

Cited Species:

human

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, human testis 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 |
| 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

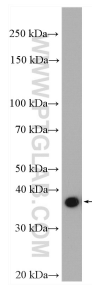
For technical support and original validation data for this product please contact:

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

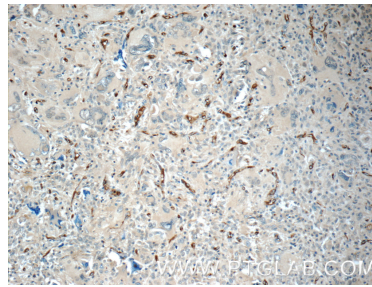
E: proteintech@ptglab.com
W: ptglab.com

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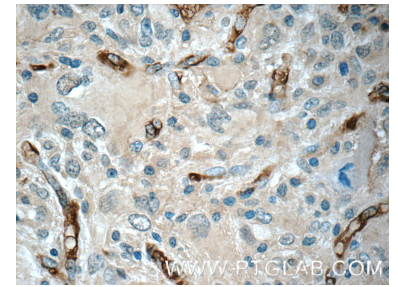
Selected Validation Data



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 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 17903-1-AP (GAS1 Antibody) at dilution of 1:50 (under 40x lens).