

For Research Use Only

GAS1 Monoclonal antibody

Catalog Number: 67181-1-Ig



Basic Information

Catalog Number: 67181-1-Ig	GenBank Accession Number: BC074908	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2619	CloneNo.: 2H8E1
Source: Mouse	UNIPROT ID: P54826	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:250-1:1000
Isotype: IgG2b	Full Name: growth arrest-specific 1	
Immunogen Catalog Number: AG12259	Calculated MW: 345 aa, 36 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, Mouse, Pig

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 : HEK-293 cells, SH-SY5Y cells, pig brain tissue, Y79 cells

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.

Storage

Storage:

Store at -20°C.

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

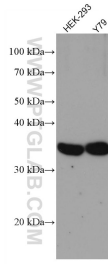
For technical support and original validation data for this product please contact:

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

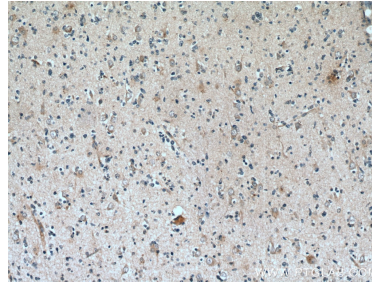
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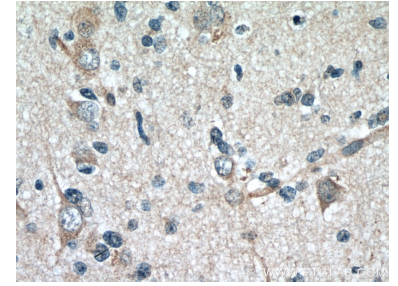
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67181-1-Ig (GAS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 67181-1-Ig (GAS1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 67181-1-Ig (GAS1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).