

For Research Use Only

GRID1 Polyclonal antibody

Catalog Number: 13040-1-AP **1 Publications**



Basic Information

Catalog Number:

13040-1-AP

Size:

200 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3694

GenBank Accession Number:

BC039263

GeneID (NCBI):

2894

UNIPROT ID:

Q9ULK0

Full Name:

glutamate receptor, ionotropic, delta

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Calculated MW:

1009 aa, 112 kDa

Observed MW:

100-112 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

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: human brain tissue,

IP: mouse brain tissue,

IHC: human gliomas tissue, human brain tissue, mouse brain tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Shao-Yong Song	36752736	Anesthesiology	IF

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:

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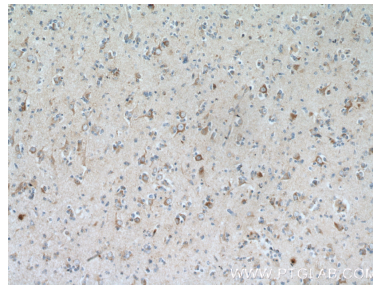
W: ptgcn.com

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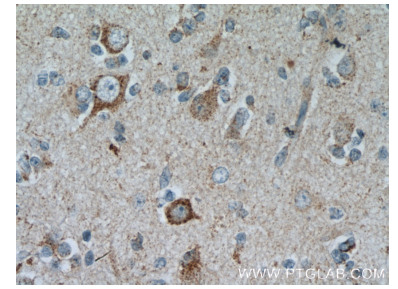
Selected Validation Data



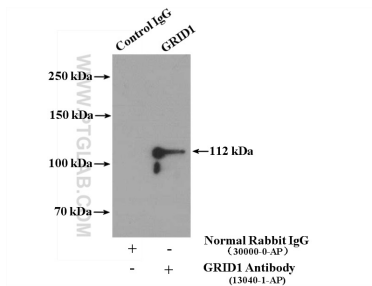
human brain tissue were subjected to SDS PAGE followed by western blot with 13040-1-AP (GRID1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13040-1-AP (GRID1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13040-1-AP (GRID1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-GRID1 (IP:13040-1-AP, 4ug; Detection:13040-1-AP 1:300) with mouse brain tissue lysate 5600ug.