

For Research Use Only

# GRID1 Polyclonal antibody

Catalog Number: 13040-1-AP

1 Publications



## Basic Information

Catalog Number:

13040-1-AP

Size:

150ul, Concentration: 160 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3694

GenBank Accession Number:

BC039263

GeneID (NCBI):

2894

Full Name:

glutamate receptor, ionotropic, delta 1

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 IP and 1:200-1:1000

for WB

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

\*\*\* 20ul sizes contain 0.1% BSA

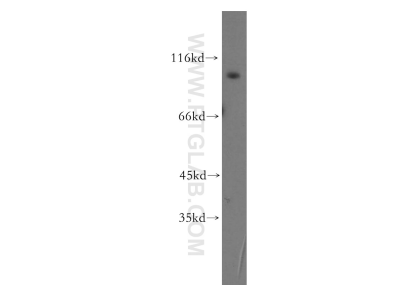
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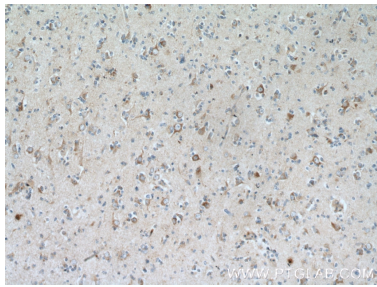
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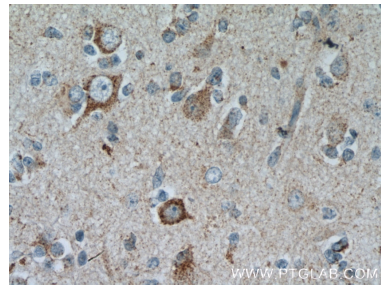
Selected Validation Data



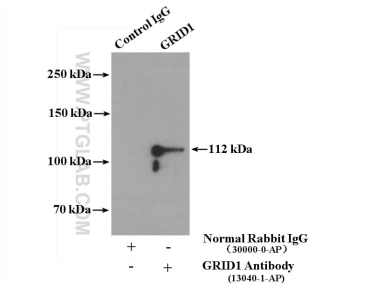
human brain tissue were subjected to SDS PAGE followed by western blot with 13040-1-AP (GRID1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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.