

For Research Use Only

# GRIP1 Polyclonal antibody

Catalog Number: 22398-1-AP **3 Publications**



## Basic Information

**Catalog Number:**

22398-1-AP

**Size:**

150ul, Concentration: 700 ug/ml by Nanodrop and 533 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG18071

**GenBank Accession Number:**

BC115393

**GeneID (NCBI):**

23426

**UNIPROT ID:**

Q9Y3R0

**Full Name:**

glutamate receptor interacting protein 1

**Calculated MW:**

1128 aa, 122 kDa

**Observed MW:**

130-135 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IP, IHC, ELISA

**Cited Applications:**

WB, 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 : mouse brain tissue, mouse testis tissue, rat brain tissue

IP : mouse brain tissue,

IHC : human kidney tissue,

## Notable Publications

| Author          | Pubmed ID | Journal           | Application |
|-----------------|-----------|-------------------|-------------|
| Rui Dang        | 30266599  | Neuropharmacology | WB          |
| Akira Kinoshita | 34338282  | Development       | IF          |
| Ping Lu         | 38142716  | J Nutr Biochem    | WB          |

## 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

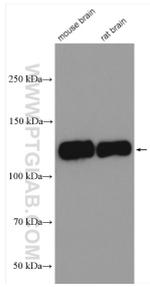
For technical support and original validation data for this product please contact:

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

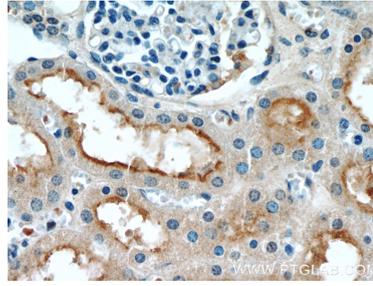
E: proteintech@ptglab.com  
W: ptglab.com

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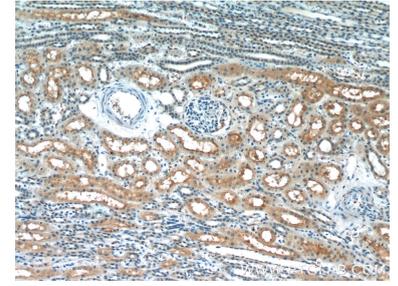
## Selected Validation Data



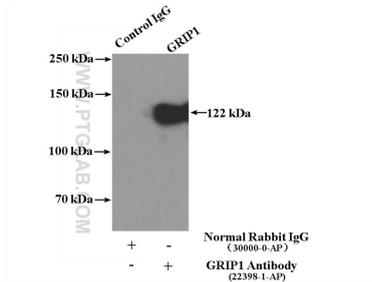
Various lysates were subjected to SDS PAGE followed by western blot with 22398-1-AP (GRIP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 22398-1-AP (GRIP1 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human kidney slide using 22398-1-AP (GRIP1 Antibody) at dilution of 1:50.



IP result of anti-GRIP1 (IP:22398-1-AP, 4ug; Detection:22398-1-AP 1:1000) with mouse brain tissue lysate 5200ug.