

For Research Use Only

FEZ1 Polyclonal antibody

Catalog Number: 12100-1-AP

2 Publications



Basic Information

Catalog Number:

12100-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2744

GenBank Accession Number:

BC009545

GeneID (NCBI):

9638

UNIPROT ID:

Q99689

Full Name:

fasciculation and elongation protein zeta 1 (zygin I)

Calculated MW:

392 aa, 45 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

IF, IHC

Species Specificity:

human, mouse, rat

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,

IP : mouse brain tissue,

IHC : human gliomas tissue,

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------------|-----------|--------------------------------|-------------|
| Shen Ma | 38634039 | Breast Cancer (Dove Med Press) | IHC |
| Maznah Alhesain | 37746155 | Front Neurosci | IHC,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

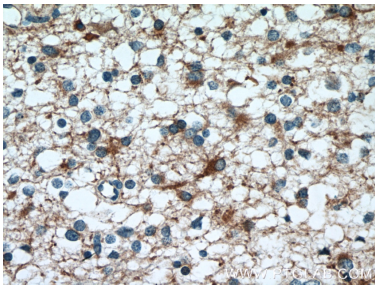
For technical support and original validation data for this product please contact:

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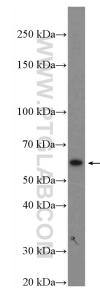
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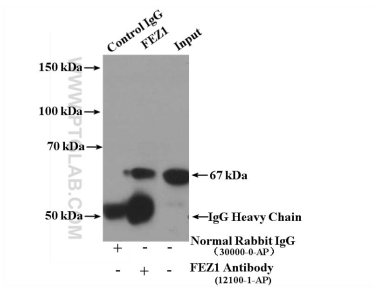
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12100-1-AP (FEZ1 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12100-1-AP (FEZ1 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-FEZ1 (IP:12100-1-AP, 4ug; Detection:12100-1-AP 1:300) with mouse brain tissue lysate 3600ug.