

For Research Use Only

# AGAP2 Polyclonal antibody

Catalog Number: 14690-1-AP

1 Publications



## Basic Information

Catalog Number:

14690-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6142

GenBank Accession Number:

BC028020

GeneID (NCBI):

116986

UNIPROT ID:

Q99490

Full Name:

ArfGAP with GTPase domain, ankyrin repeat and PH domain 2

Calculated MW:

125 kDa

Observed MW:

124 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, 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, rat brain tissue

IP : mouse brain tissue,

IHC : human gliomas tissue,

IF/ICC : Hela cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ke Chen	35905567	Phytomedicine	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

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

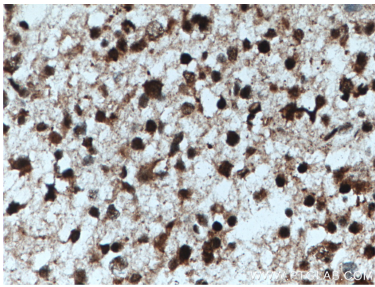
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

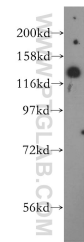
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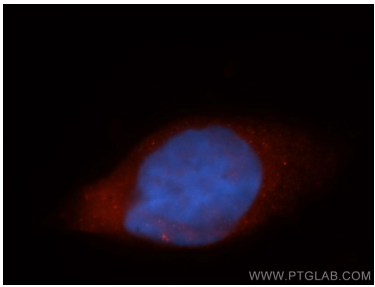
Selected Validation Data



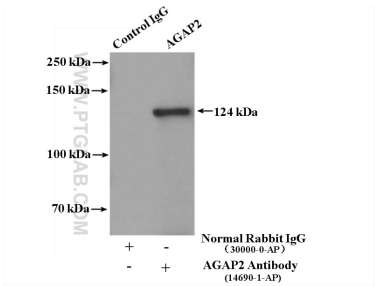
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14690-1-AP (AGAP2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



human brain tissue were subjected to SDS PAGE followed by western blot with 14690-1-AP (AGAP2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of Hela cells, using AGAP2 antibody 14690-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP result of anti-AGAP2 (IP:14690-1-AP, 4ug; Detection:14690-1-AP 1:500) with mouse brain tissue lysate 4000ug.