

For Research Use Only

# CoraLite®532-conjugated GFAP Recombinant antibody

Catalog Number:CL532-81063



## Basic Information

Catalog Number:

CL532-81063

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10423

GenBank Accession Number:

BC013596

GeneID (NCBI):

2670

UNIPROT ID:

P14136

Full Name:

glial fibrillary acidic protein

Calculated MW:

432 aa, 50 kDa

Purification Method:

Protein A purification

CloneNo.:

4C6

Recommended Dilutions:

IF-P 1:400-1:1600

Excitation/Emission maxima  
wavelengths:

537 nm / 560 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat, pig

Positive Controls:

IF-P : rat brain tissue,

## Background Information

GFAP (Glial fibrillary acidic protein), an intermediate-filament (IF) protein, is specifically expressed in cells of astroglial lineage and is widely used to mark astroglia in the brain. It is also used as a marker for intracranial and intraspinal tumors arising from astrocytes.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

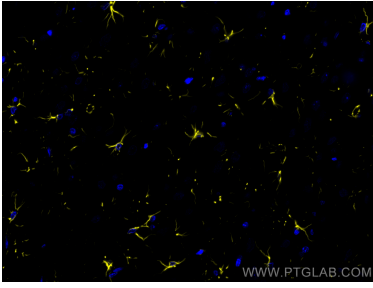
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using CoraLite®532 GFAP antibody (CL532-81063, Clone: 4C6) at dilution of 1:800. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).