

For Research Use Only

# CoraLite®532-conjugated GFAP Recombinant antibody

Catalog Number:CL532-81063



## Basic Information

<b>Catalog Number:</b> CL532-81063	<b>GenBank Accession Number:</b> BC013596	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2670	<b>CloneNo.:</b> 4C6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P14136	<b>Recommended Dilutions:</b> IF-P 1:400-1:1600
<b>Isotype:</b> IgG	<b>Full Name:</b> glial fibrillary acidic protein	<b>Excitation/Emission maxima wavelengths:</b> 537 nm / 560 nm
<b>Immunogen Catalog Number:</b> AG10423	<b>Calculated MW:</b> 432 aa, 50 kDa	

## Applications

<b>Tested Applications:</b> IF-P	<b>Positive Controls:</b> IF-P : rat brain tissue,
<b>Species Specificity:</b> human, mouse, rat, pig	

## 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

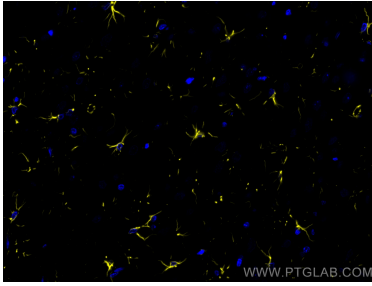
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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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).