

For Research Use Only

CoraLite®594-conjugated GFAP Polyclonal antibody



Catalog Number:CL594-16825

Featured Product

Basic Information

Catalog Number:

CL594-16825

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

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P : rat brain tissue, mouse brain tissue, rat
cerebellum 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.

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:

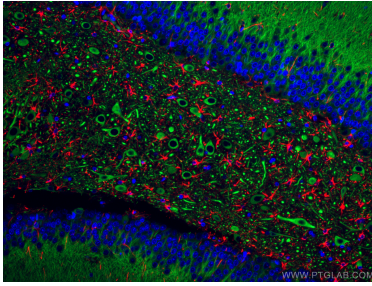
T: 4006900926

E: Proteintech-CN@ptglab.com

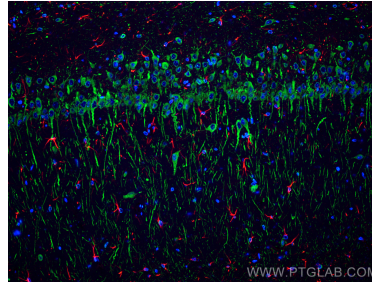
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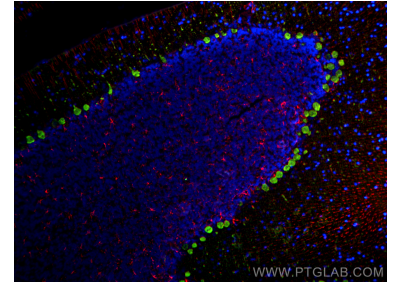
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite®594 GFAP antibody (CL594-16825) at dilution of 1:200, CoraLite®488 MAP2 antibody (CL488-17490, green). DAPI (blue).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using CoraLite®594 GFAP antibody (CL594-16825) at dilution of 1:200, CoraLite® Plus 488 MAP2 antibody (CL488-17490, green). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat cerebellum tissue using CoraLite®594 GFAP antibody (CL594-16825) at dilution of 1:200, Calbindin-D28k antibody (14479-1-AP, green). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).