

## GFAP Antibody

Catalog No: #21485

Package Size: #21485-1 50ul #21485-2 100ul

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## Description

Product Name	GFAP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IF
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of total GFAP protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 423~427 (E-S-K-Q-E) derived from Human GFAP.
Target Name	GFAP
Other Names	FLJ45472
Accession No.	Swiss-Prot: P14136NCBI Protein: NP_002046.1
Uniprot	P14136
GeneID	2670;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

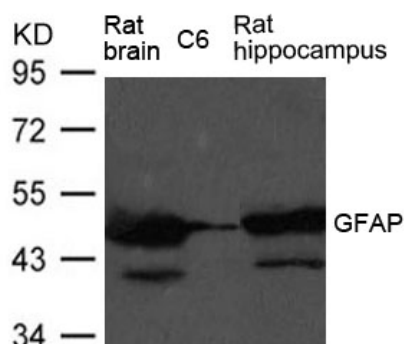
## Application Details

Predicted MW: 50kd

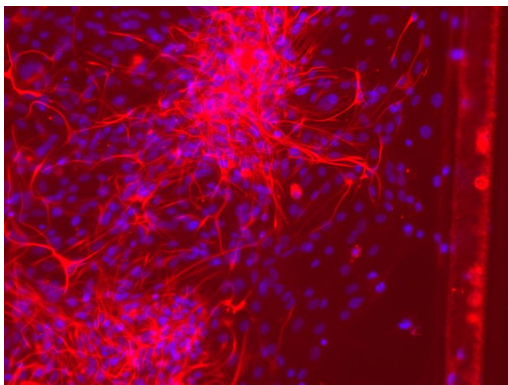
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

## Images



Western blot analysis of extract from Rat brain, Rat hippocampus tissue and C6 cells using GFAP Antibody #21485



Immunofluorescence staining of paraffin-embedded Glioma cells of Spinal Cord using GFAP Antibody #21485.

## Background

GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.

Bongcam-Rudloff E., Nister M., Betsholtz C., Wang J.-L., Stenman G., Huebner K., Croce C.M., Westermarck B. *Cancer Res.* 51:1553-1560(1991)

Nielsen A.L., Holm I.E., Johansen M., Bonven B., Jorgensen P., Jorgensen A.L.J. *Biol. Chem.* 277:29983-29991(2002)

Note: This product is for in vitro research use only