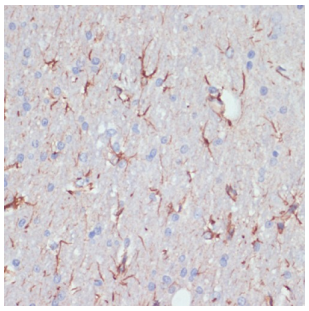
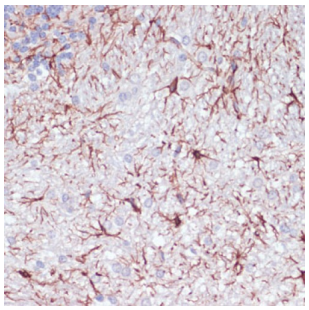
# Glial Fibrillary Acidic Protein (GFAP) Antibody

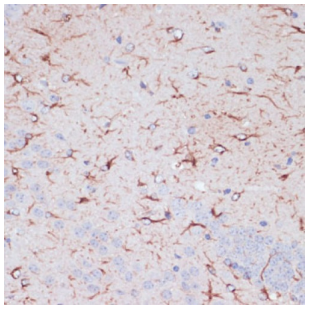
Catalogue No.:abx000622



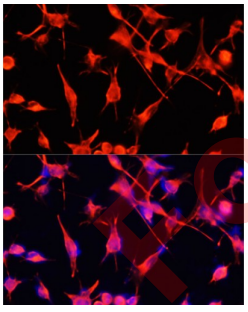
Immunohistochemistry of paraffin-embedded Rat brain using GFAP Antibody (1/200 dilution, 40x lens).



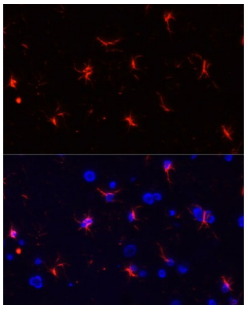
Immunohistochemistry of paraffin-embedded Rat cerebellum using GFAP Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using GFAP Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of U-251MG cells using GFAP Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat brain using GFAP Antibody (1/100 dilution). Blue: DAPI for nuclear staining.





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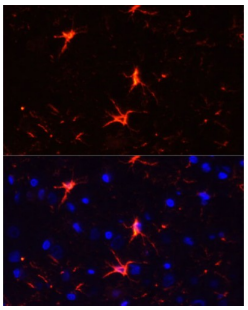

Immunofluorescence analysis of Mouse brain using GFAP Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

GFAP Antibody is a Rabbit Polyclonal antibody against GFAP. This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

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|---|---|
| **Target:** | Glial Fibrillary Acidic Protein (GFAP) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human, Mouse, Rat |
| **Tested Applications:** | IHC, IF/ICC |
| **Host:** | Rabbit |
| **Recommended dilutions:** | IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | A synthetic peptide corresponding to human GFAP |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified by affinity chromatography. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P14136 (UniProt, ExPASy) |
| **Gene Symbol:** | GFAP |
| **GeneID:** | 2670 |




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| | |
|---|---|
| **NCBI Accession:** | NP_002046.1 |
| **KEGG:** | hsa:2670 |
| **String:** | 9606.ENSP00000468500 |
| **Buffer:** | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol. |
| **Concentration:** | 1 mg/ml |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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