

GFAP Polyclonal Antibody

Catalog Number: E-AB-65069

3 Publications

Note: Centrifuge before opening to ensure complete recovery of vial contents.

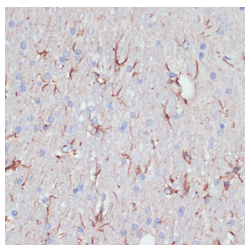
Description

Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide of human GFAP (NP_002046.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

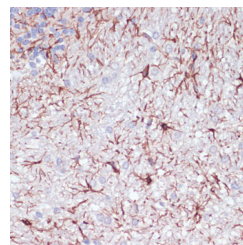
Applications Recommended Dilution

IHC	1:50-1:200
IF	1:50-1:200

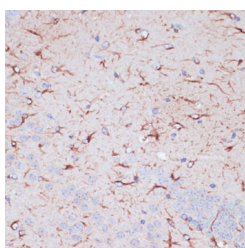
Data



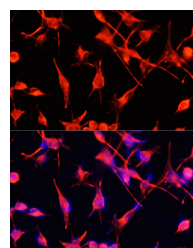
Immunohistochemistry of paraffin-embedded Rat brain using GFAP Polyclonal Antibody at dilution of 1:200 (40x lens).



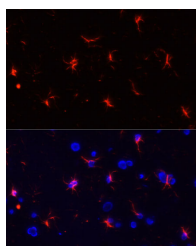
Immunohistochemistry of paraffin-embedded Rat cerebellum using GFAP Polyclonal Antibody at dilution of 1:100 (40x lens).



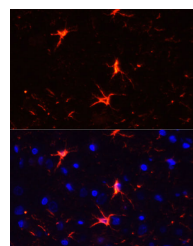
Immunohistochemistry of paraffin-embedded Mouse brain using GFAP Polyclonal Antibody at dilution of 1:100 (40x lens).



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



Immunofluorescence analysis of Rat brain using GFAP Polyclonal Antibody at dilution of 1:100.



Immunofluorescence analysis of Mouse brain using GFAP Polyclonal Antibody at dilution of 1:100.

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Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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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