Recombinant GFAP Monoclonal Antibody

catalog number: **AN300140P**

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

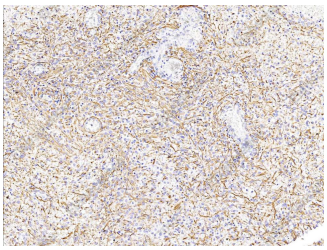
Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to the center region of the human GFAP
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110100
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

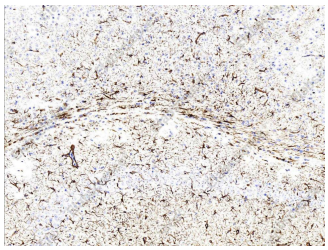
Applications — Recommended Dilution

WB:	1:1000-1:10000; IHC-P: 1:200-1:1000; ICC/IF: 1:200-1:2000; IP: 1:20-1:50

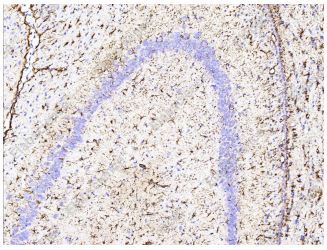
Data



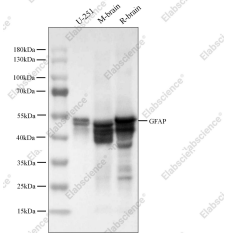
Immunohistochemical analysis of paraffin-embedded Human glioma tissue sections using GFAP Antibody (AN300140P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Mouse brain tissue sections using GFAP Antibody (AN300140P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat brain tissue sections using GFAP Antibody (AN300140P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of U-251,Mouse brain and Rat brain cell lysates using GFAP Antibody (AN300140P) at a dilution of 1:1500.

Observed-MW:50 kDa

Calculated-MW:50 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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. [provided by RefSeq, Oct 2008]

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