10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-GFAP Rabbit Monoclonal Antibody

Catalog # ABO13387

Specification

Anti-GFAP Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC, IF, ICC**
Primary Accession	P14136
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Rat, Human**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-GFAP Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Rat.

Anti-GFAP Rabbit Monoclonal Antibody - Additional Information

Gene ID 2670

Other Names
Glial fibrillary acidic protein, GFAP, GFAP

Calculated MW
49880 MW KDa

Application Details
WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Subcellular Localization
Cytoplasm. Associated with intermediate filaments.

Tissue Specificity
Expressed in cells lacking fibronectin..

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human GFAP

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

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Anti-GFAP Rabbit Monoclonal Antibody - Protein Information

Name GFAP

Function
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.

Cellular Location
Cytoplasm. Note=Associated with intermediate filaments

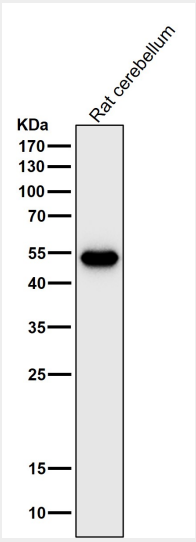
Tissue Location
Expressed in cells lacking fibronectin.

Anti-GFAP Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-GFAP Rabbit Monoclonal Antibody - Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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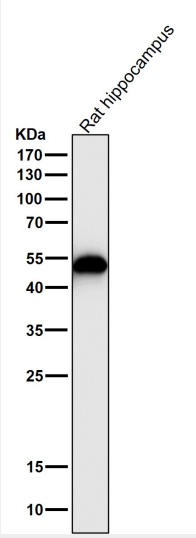

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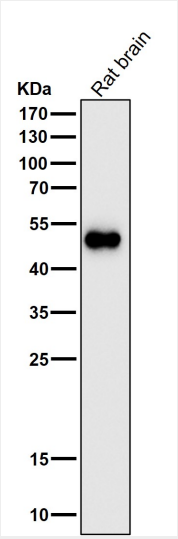

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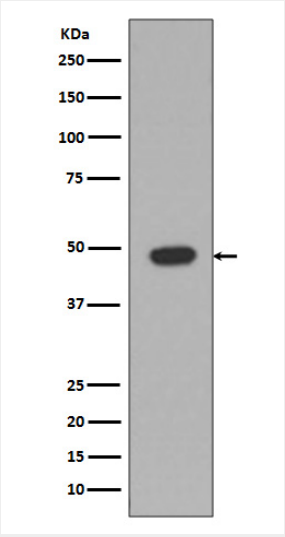

Western blot analysis of GFAP expression in Rat brain lysate.

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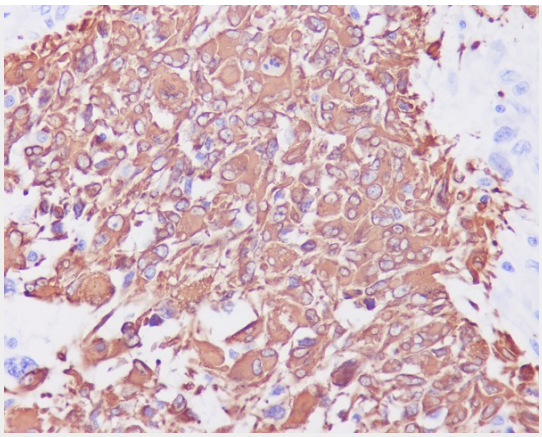
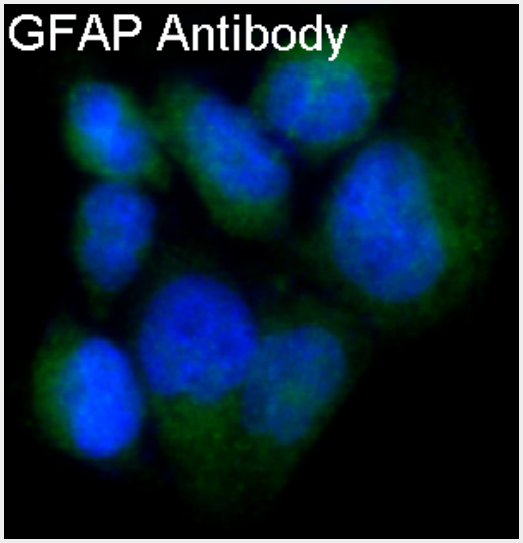


Immunohistochemical analysis of paraffin-embedded human glioma, using GFAP Antibody.



Immunofluorescent analysis of SNB19 cells, using GFAP Antibody.