10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

# Anti-GFAP Rabbit Monoclonal Antibody

**Rabbit Monoclonal Antibody**

**Catalog # ABV11818**

## Specification

### Anti-GFAP Rabbit Monoclonal Antibody - Product Information

| | |
|---|---|
| Application | **IHC, WB** |
| Primary Accession | P14136 |
| Reactivity | **Human, Mouse** |
| Host | **Rabbit** |
| Clonality | **Monoclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **49880** |

### Anti-GFAP Rabbit Monoclonal Antibody - Additional Information

**Gene ID** 2670

| | |
|---|---|
| Positive Control | **WB: mouse brain tissue lysate; IHC: human brain tissue sections** |
| Application & Usage | **IHC: 1:200 -1:500 dilution; WB: 1:1000 - 1:3000 dilution.** |
| Alias Symbol | **GFAP** |

**Other Names**

GFAP, Glial fibrillary acidic protein

**Appearance**

Colorless liquid

**Formulation**

In 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

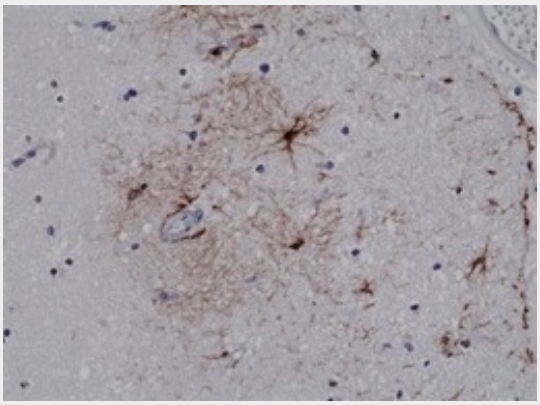
**Reconstitution & Storage**

-20 °C

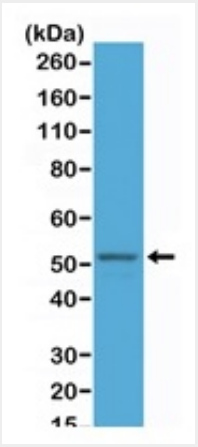
**Background Descriptions**

**Precautions**

Anti-GFAP Rabbit Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.



Immunohistochemical staining of formalin fixed and paraffin embedded human braain tissue sections using anti-GFAP antibody at 1:500 dilution.




Western blot of M.brain tissue lysate, using anti-GFAP antibody at 1:2500 dilution, showed GFAP(~50kDa) expression in M.brain.

### Anti-GFAP Rabbit Monoclonal Antibody - Background

GFAP, Glial fibillary acidic protein is an intermediate filament protein. It was found in astrocytes cells as a cell specific marker in the central nervous system development. GFAP is defective in Alexander disease. But it is highly expressed in Astrogliosis which is a result of

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

**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

some diseases, such as AIDS, dementia and inflammatory demyelination diseases.