

**GFAP Antibody**  
**Rabbit mAb**  
**Catalog # AP90557**

## Specification

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### GFAP Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	<a href="#">P14136</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
GFAP; FLJ45472; cb345; ALXDRD;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	49880 Da

### GFAP Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GFAP
Description	The cytoskeleton consists of three types of cytosolic fibers: microfilaments (actin filaments), intermediate filaments, and microtubules. Major types of intermediate filaments are specifically expressed in particular cell types: cytokeratins in epithelial cells, glial fibrillary acidic protein (GFAP) in glial cells, desmin in skeletal, visceral, and certain vascular smooth muscle cells, vimentin in cells of mesenchymal origin, and neurofilaments in neurons. GFAP and vimentin form intermediate filaments in astroglial cells and modulate their motility and shape.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### GFAP 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

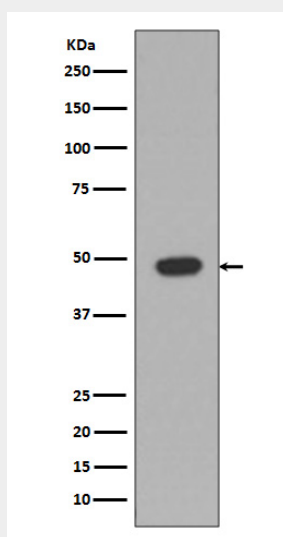
**Tissue Location**

Expressed in cells lacking fibronectin.

**GFAP 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 Cytometry](#)
- [Cell Culture](#)

**GFAP Antibody - Images**

Western blot analysis of GFAP expression in Rat brain lysate.