

GFAP Antibody

Rabbit mAb Catalog # AP90557

Product Information

Application WB, IHC, IF, ICC, IHF

Primary Accession P14136
Reactivity Rat, Human
Clonality Monoclonal

Other Names GFAP; FLJ45472; cb345; ALXDRD;

IsotypeRabbit IgGHostRabbitCalculated MW49880

Additional Information

Dilution WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

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.

Protein Information

Name GFAP

Function GFAP, a class-III intermediate filament, is a cell-specific marker that, during

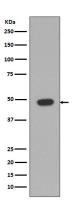
the development of the central nervous system, distinguishes astrocytes from

other glial cells.

Cellular Location Cytoplasm. Note=Associated with intermediate filaments

Tissue Location Expressed in cells lacking fibronectin.

Images



Western blot analysis of GFAP expression in Rat brain lysate.

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

Image not found: 202311/AP90557-IF.jpg

Immunofluorescent analysis of SNB19 cells, using GFAP Antibody.

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