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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;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	49880

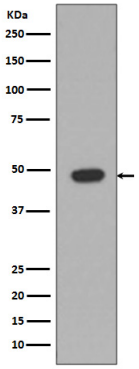
Additional Information

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.

Image not found : 202311/AP90557-IHC.jpg

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.