

Anti-GFAP Rabbit Monoclonal Antibody

Rabbit Monoclonal Antibody

Catalog # ABV11818

Product Information

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

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.

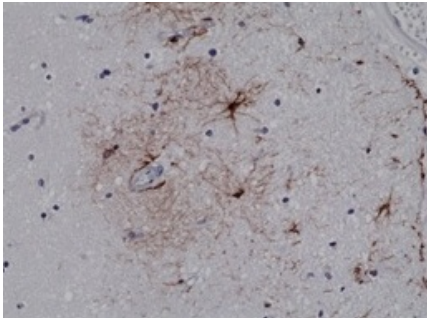
Protein Information

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.

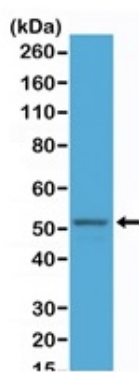
Background

GFAP, Glial fibrillary 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 some diseases, such as AIDS, dementia and inflammatory demyelination diseases.

Images



Immunohistochemical staining of formalin fixed and paraffin embedded human brain 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.