Product Name: GFAP (18L1) Rabbit Monoclonal Antibody
Catalog #: AMRe11407

Summary

Production Name	GFAP (18L1) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	GFAP
Alternative Names	GFAP; FLJ45472; cb345; ALXDRD;
Gene ID	2670.0
SwissProt ID	P14136.A synthetic peptide of human GFAP

Application

Dilution Ratio	WB: 1:2000
Molecular Weight	50kDa

Background

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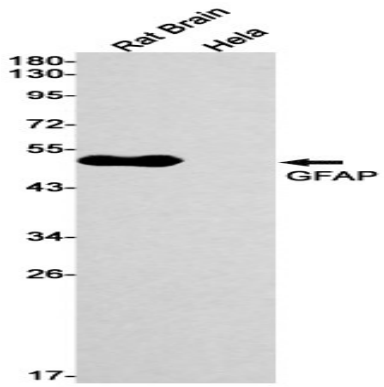
The cytoskeleton consists of three types of cytosolic fibers: microfilaments (actin filaments), intermediate filaments, and microtubules. Major types of intermediate filaments are specifically expressed in particular cell types: cytokeratins in epithelial cells, glial fibrillary acidic protein (GFAP) 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. 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.

Research Area

Image Data



Western blot detection of GFAP in Rat Brain,Hela cell lysates using GFAP antibody(1:1000 diluted).

Note

For research use only.