Recombinant GFAP Monoclonal Antibody

catalog number: AN300140P

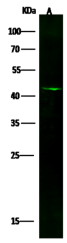
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide corresponding to the center region of the human GFAP
Host	Rabbit
Isotype	IgG
Clone	4B2
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western Blot with GFAP Monoclonal Antibody at dilution of 1:500. Lane A: Mouse brain tissue lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:45 kDa

Calculated-MW:50 kDa

Preparation & Storage

Storage	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

GFAP (Glial fibrillary acidic protein) is a type III intermediate filament protein. It is the major component of astrocyte intermediate filament. Defects in GFAP are a cause of Alexander disease. Alexander disease is a rare disorder of the central nervous system. It is a progressive leukoencephalopathy whose hallmark is the widespread accumulation of Rosenthal fibers which are cytoplasmic inclusions in astrocytes. At the amino acid sequence level, human GFAP shares 91% and 90% identity with rat and mouse GFAP, respectively.

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