



GFAP Polyclonal Antibody

E14-06

Background: Glial fibrillary acidic protein (GFAP) is an intermediate filament (IF) protein with a molecular weight of 51 kDa that was thought to be specific for astrocytes in the central nervous system (CNS). Later, it was shown that GFAP is also expressed by other cell types in CNS, including ependymal cells, Schwann cells and enteric glia cells. GFAP functions remain to be understood in astrocytes and need further studies. However, it is a very important marker to distinguish astrocytes from other glial cells during development.

Catalog Number: E14-06

Amount: 100µg/100µl

Immunogen: Recombinant human GFAP (rh-GFAP), 131~416 aa of GFAP

Purification: Purified by protein A column

Storage: Store at -20 °C upon arrival for one year. Avoid repeated freeze-thaw cycles.

Formulation: Each vial at least contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of 0.01 M PBS, PH7.4, 1 mg/ml BSA, 20 % glycerol, 0.01 % (w/v) NaN₃

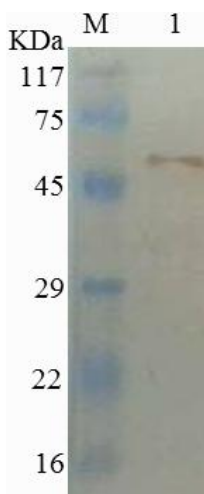
Limitation: For research use only and are not intended for diagnostic or therapeutic use.

Isotope: Rabbit IgG

Species Reactivities: Human, mouse, rat

Tested Applications: ELISA, WB Other applications have not been tested.

Application notes: WB: 1:500-5000



WB assay

1st antibody: E14-06, dilution: 1:1000

2nd antibody: Goat antibody against Rabbit IgG conjugated with HRP, dilution: 1:5000, visualized by DAB

Protein Molecular Wt.: 51 kDa

M: Pre-stained protein marker

1: 50 µg pig brain homogenate

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