

phospho-GFAP (Ser38) Rabbit pAb

Catalog Number: bs-13336R

Target Protein: phospho-GFAP (Ser38)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), Flow-Cyt (1µg/Test)

Reactivity: Human, Mouse

Predicted MW: 48 kDa

Entrez Gene: 2670

Swiss Prot: P14136

Source: KLH conjugated Synthesised phosphopeptide derived from human GFAP around the phosphorylation site of Ser38: RL(p-S)L.

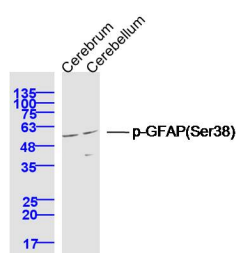
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

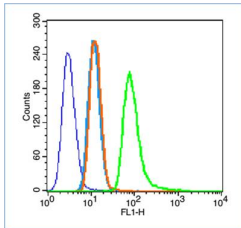
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebellum (Mouse) Lysate at 40 ug Primary: Anti- phospho-GFAP (Ser38) (bs-13336R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 48 kD Observed band size: 50 kD



Blank control (blue line): Hela (fixed with 80% methanol (5 min at -20°C) and then permeabilized with 0.1% PBS-Tween for 20 min at room temperature). Primary Antibody (green line): Rabbit Anti- phospho-GFAP (Ser38) antibody (bs-13336R), Dilution: 0.2µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, Dilution: 1µg /test.