GFAP (Phospho-Ser38) Antibody

#14186

Catalog Number: 14186-1, 14186-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. :P14136

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human GFAP around the phosphorylation site of Serine 38

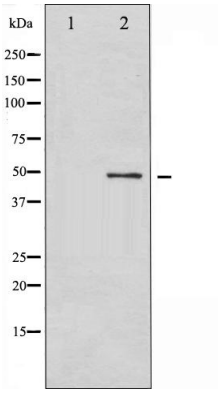
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Phospho-GFAP (Ser 38)Antibody detects endogenous levels of GFAP only when phosphorylated at Serine 38

Reactivity: Human,Mouse,Rat

Applications:

Predicted MW: 50kd WB:1:500~1:2000 IHC:1:50-200



Western blot analysis of GFAP phosphorylation expression in HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

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. An additional transcript variant has been described, but its full length sequence has not been determined.