

GFAP(Phospho Ser38) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00772
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GFAP around the phosphorylation site of Ser38. AA range:11-60
Mol wt	49880
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Glial fibrillary acidic protein
Synonyms	Glial fibrillary acidic protein; GFAP; Glial fibrillary acidic protein; GFAP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

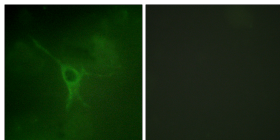
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

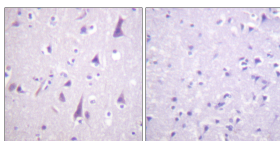
ELISA: 1: 5000

Not yet tested in other applications.

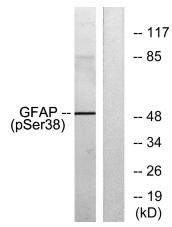
Images



Immunofluorescence analysis of COS7 cells, using GFAP (Phospho-Ser38) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using GFAP (Phospho-Ser38) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells, using GFAP (Phospho-Ser38) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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