BT LAB
Bioassay Technology Laboratory
Optimize Your Research

GFAP Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03549
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GFAP. AA range:11-60
Mol wt	49880
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	GFAP Antibody
Synonyms	GFAP; Glial fibrillary acidic protein; GFAP

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

Background

GFAP 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

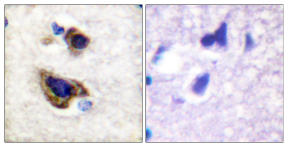
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

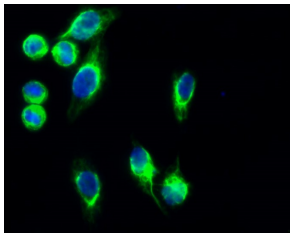
ELISA: 1: 5000

Not yet tested in other applications.

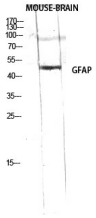
Images



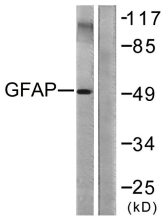
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GFAP Antibody. The picture on the right is blocked with the synthesized peptide.



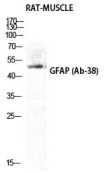
Immunofluorescence analysis of Hela cell. 1,GFAP Polyclonal Antibody(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min). 3 DAPI(blue) 10min.



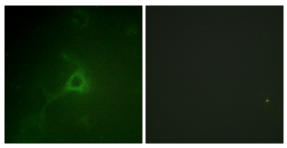
Western Blot analysis of RAW using GFAP Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from COLO205 cells, using GFAP Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of RAT-MUSCLE cells using GFAP Polyclonal Antibody diluted at 1:2000



Immunofluorescence analysis of COS7 cells, using GFAP Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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