

Rabbit GFAP Antibody | anti-GFAP antibody

Rabbit Polyclonal GFAP Antibody BIOTIN

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75878	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

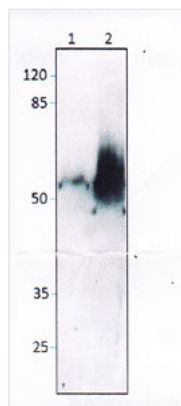
PRODUCT SYNONYMS

GFAP; Rabbit Polyclonal GFAP Antibody BIOTIN; Astrocyte; FLJ42474; FLJ45472; Glial Fibrillary Acidic Protein; Intermediate filament protein antibody; anti-GFAP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Form/Format	BIOTIN-Conjugated Immunoglobulins
Concentration	0.75 mg/mL IgG In antibody stabilization buffer. (varies by lot)
Sequence Length	431
Applicable Applications for anti-GFAP antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 50-100 on human glial fibrillary acidic protein.
Preparation and Storage	-20°C for long term storage.

IMAGES



WB (Western Blot)

WB of Glial Fibrillary Acidic Protein (GFAP) Blot with rat cortex (1) and cerebellum (2). Primary Antibody diluted 1 :500 in DiluObuffer. Apparent MW is 51 kDa. Dilutions are for reference only. Applications not listed above are not necessarily precluded from working with this antibody. Investigators intending to use an application that has not been verified can request a complimentary sample.

ADDITIONAL INFORMATION

Related Product Information for anti-GFAP antibody	Glial fibrillary acidic protein, or GFAP, is an intermediate filament(IF) protein belongin to the type III subclass of IF protein. Like other IF proteins, GFAP is coposed of an amino-terminal head domain, a central rod domain and a carboxy-terminal tail domain. GFAP is specifically found in astroglia, a cell type which is higly responsive to neurologic insults. Astrogliosis is found to be result of mechanical trauma,AIDS dementia, prion infection and inflammatory demylination diseases, and is accompanied by an increase in GFAP EXPRESSION, GFAP is an immunohistochemical marker for localizing bening astrocyte and neoplastic cells of glian origin in the central nervous system. Glial cells are responsible for maintaining brain homeostasis.Modification of the viability and fuctionsof glial cells, including astrocytes and microglia, are associated with neuronal death and neurological diseases. GFAP-selective antibodies were generated against a peptide taken the C-terminal region of the human GFAP protein. The GFAP-selective antibodies are affinity purified of an immobilized antigen based affinity matrix,the isolated antibodies are fully characterized for applications in western blotting and ELISA at the recommended dilutions. Western blot positive control(PC-GFAP)and antigenic blocking peptides(P-GFAP)for GFAP are available. Antibodies can be conjugated to flurophores or other secondary enzymes upon request as an additional service.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P14136; Q53H98; Q5D055; Q6ZQS3; Q7Z5J6; Q7Z5J7; Q96KS4; Q96P18; Q9UFD0; B2RD44; D3DX59; E9PAX3
UniProt Protein Name	Glial fibrillary acidic protein
UniProt Gene Name	GFAP
UniProt Synonym Gene Names	GFAP
UniProt Entry Name	GFAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rabbit-human-mouse-rat-antibody/gfap/75878>