

Mouse anti-Rat, Mouse GFAP Monoclonal Antibody | anti-GFAP antibody

GFAP Mouse mAb

CATALOG # AAA276795	HOST Mouse	REACTIVITY Rat, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GFAP; Monoclonal Antibody; GFAP Mouse mAb; Glial Fibrillary Acidic Protein ;Intermediate Filament Protein; anti-GFAP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GFAP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

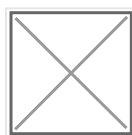
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using GFAP(EM1059)Mouse mAb diluted at 1:500.


WB (Western Blot)

Western blot analysis of Mouse Brain Tissue with GFAP mAb diluted at 1:2,000.


WB (Western Blot)

Western blot analysis of Rat Brain Tissue with GFAP mAb diluted at 1:5,000.

ADDITIONAL INFORMATION

Related Product Information for anti-GFAP antibody

GFAP is a member of the class III intermediate filament protein family. It is heavily, and specifically, expressed in astrocytes and certain other astroglia in the central nervous system, in satellite cells in peripheral ganglia, and in non myelinating Schwann cells in peripheral nerves. In addition, neural stem cells frequently strongly express GFAP. Antibodies to GFAP are therefore very useful as markers of astrocytic cells. In addition many types of brain tumor, presumably derived from astrocytic cells, heavily express GFAP. GFAP is also found in the lens epithelium, Kupffer cells of the liver, in some cells in salivary tumors and has been reported in erythrocytes.

Product Categories/Family for anti-GFAP antibody

Cytoplasm; Associated with intermediate filaments

NCBI AND UNIPROT INFORMATION

NCBI GI #	196115290
NCBI GeneID	2670
NCBI Accession #	NP_001124491.1
NCBI GenBank Nucleotide #	NM_001131019.2
UniProt Accession #	P14136; Q53H98; Q5D055; Q6ZQS3; Q7Z5J6; Q7Z5J7; Q96KS4; Q96P18; Q9UFD0; B2RD44; D3DX59
Molecular Weight	49,880 Da
NCBI Official Full Name	glial fibrillary acidic protein isoform 2
NCBI Official Synonym Full Names	glial fibrillary acidic protein
NCBI Official Symbol	GFAP
NCBI Protein Information	glial fibrillary acidic protein
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://stage.aaabiotech.com/monoclonal/gfap-antibody-immunohistochemistry-western-blot-elisa/276795>