

Mouse GFAP Monoclonal Antibody | anti-GFAP antibody

GFAP Monoclonal Antibody

CATALOG # AAA47872	HOST Mouse	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
------------------------------	----------------------	---

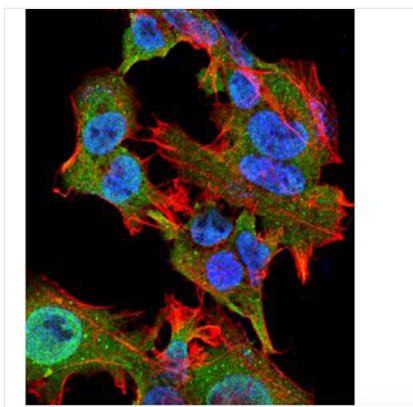
PRODUCT SYNONYMS

GFAP; Monoclonal Antibody; GFAP Monoclonal Antibody; anti-GFAP antibody

PRODUCT SPECIFICATIONS

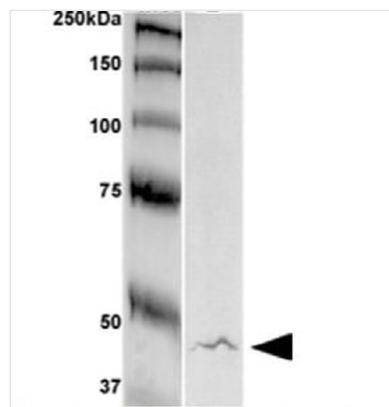
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody recognizes human, mouse and rat GFAP. It cross-reacts with GFAPR416W and other GFAP mutant proteins.
Form/Format	100ug (1mg/ml) Protein G-purified antibody in PBS, pH 7.4, 0.1% sodium azide, 50% glycerol.
Sequence Length	431
Applicable Applications for anti-GFAP antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Synthetic peptide corresponding to aa 411-422 (KTVEMRDGEVIK) of human GFAP. This sequence is 100% identical to rat and mouse.
Preparation and Storage	This product is stable for at least one (1) year at -20 degree C.

IMAGES



Application Data

Detection of GFAP in neuroblastoma cell line SKN-BE at 10ug/ml: DAPI (blue) nuclear stain, Texas Red F actin stain, ATTO 488 (green) GFAP stain.



Application Data

Detection of GFAP in rat brain lysate at 4ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GFAP antibody	Glial fibrillary acidic protein (GFAP) is a major structural component of astrocytes. Phosphorylation of GFAP, and its association with annexin II-p2 and S-100, regulates GFAP polymerization. One of the first events that occurs during astrocyte proliferation is increased GFAP expression. Antibodies to GFAP have been detected in individuals with dementia, although the significance of this has not been conclusively determined.
--	--

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; E9PAX3
Molecular Weight	50,289 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 Official Synonym Symbols	ALXDRD
NCBI Protein Information	glial fibrillary acidic protein
UniProt Protein Name	Glial fibrillary acidic protein
UniProt Gene Name	GFAP
UniProt Synonym Gene Names	GFAP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/gfap-antibody-immunofluorescence-immunoblot-elisa/47872>