

Rabbit anti-Human GFAP Polyclonal Antibody | anti-GFAP antibody

GFAP Antibody (N-term)

CATALOG # AAA285025	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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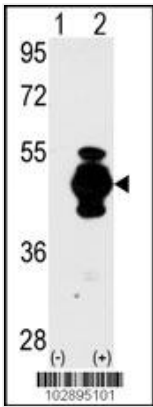
PRODUCT SYNONYMS

GFAP; Polyclonal Antibody; GFAP Antibody (N-term); Glial fibrillary acidic protein; anti-GFAP antibody

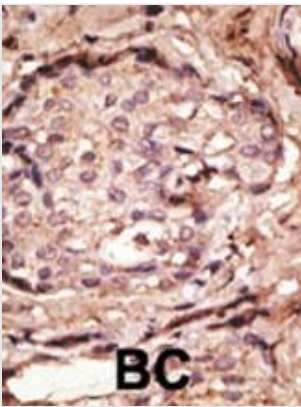
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GFAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-40 amino acids from the N-terminal region of human GFAP.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.4 (varies by lot)
Sequence Positions	10-40
Sequence Length	431
Applicable Applications for anti-GFAP antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of GFAP (arrow) using GFAP Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GFAP gene (Lane 2) (Origene Technologies).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-GFAP antibody	GFAP is 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.
Product Categories/Family for anti-GFAP antibody	Neuroscience; Signal Transduction
References	Quintanar, J.L., et al., Parasitol. Res. 90(4):261-263 (2003). Shiroma, N., et al., Brain Dev. 25(2):116-121 (2003). Nielsen, A.L., et al., J. Biol. Chem. 277(33):29983-29991 (2002). Namekawa, M., et al., Ann. Neurol. 52(6):779-785 (2002). Lopez-Egido, J., et al., Exp. Cell Res. 278(2):175-183 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	196115290
NCBI GeneID	2670
NCBI Accession #	NP_001124491.1 ; NP_001229305.1 ; NP_002046.1
NCBI GenBank Nucleotide #	NM_001131019.2
UniProt Accession #	P14136 ; Q53H98 ; Q5D055 ; Q6ZQS3 ; Q7Z5J6 ; Q7Z5J7 ; Q96KS4 ; Q96P18 ; Q9UFD0 ; B2RD44 ; D3DX59 ; E9PAX3
Molecular Weight	49880
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gfap-antibody-immunohistochemistry-western-blot-elisa/285025>