

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

GFAP Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163160	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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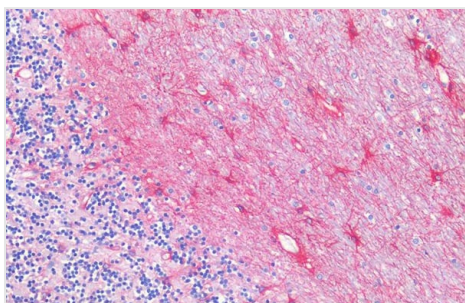
PRODUCT SYNONYMS

GFAP; Polyclonal Antibody; GFAP Rabbit anti-Human Polyclonal Antibody; PathPlus GFAP Antibody; anti-GFAP antibody

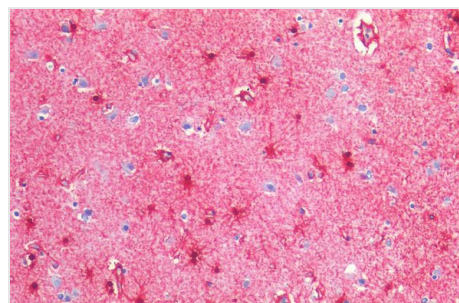
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GFAP antibody	IHC (Immunohistochemistry)
Target	Human GFAP
Immunogen	LP-12193, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

GFAP Antibody-Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

GFAP Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-GFAP antibody	GFAP antibody is an unconjugated rabbit polyclonal antibody to GFAP from human. Validated for IHC. GFAP (glial fibrillary acidic protein) is an intermediate filament protein found in the central nervous system. Functionally, GFAP helps maintain cell shape and astrocyte mechanical strength, as well as participate in cell communication and blood brain barrier function. In immunohistochemistry, it is positive in astrocytes, ganglion cells and some ependymal cells of the central nervous system. In cancer, it is positive in ependymomas and in astrocytic tumors such as astrocytic gliomas, astrocytomas and glioblastomas.
References	Brain Research. 2007 July. 1158: 103 -15. doi:10.1016/j.brainres.2007.04.070, PMID: 17555726; Neurology India. 2013. 61 (4): 383 -8, PMID: 24005729; The Journal of Cell Biology. 1991 Mar. 112 (6): 1205 -13. doi:10.1083/jcb.112.6.1205, PMID: 1999469; Neurosci Lett. 1996 May 3;209(1):29-32, PMID: 8734902.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503979
NCBI GeneID	2670
NCBI Accession #	NP_002046.1
NCBI GenBank Nucleotide #	NM_002055
UniProt Accession #	P14136; Q53H98; Q5D055; Q6ZQS3; Q7Z5J6; Q7Z5J7; Q96KS4; Q96P18; Q9UFD0; B2RD44; D3DX59; E9PAX3
NCBI Official Full Name	glial fibrillary acidic protein isoform 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/gfap-antibody-immunohistochemistry-elisa/163160>