

Chicken Glial Fibrillary Acidic Protein (GFAP) Antibody | anti-GFAP antibody

Glial Fibrillary Acidic Protein (GFAP)

CATALOG # AAA76524	HOST Chicken	REACTIVITY Cat, Human, Mouse, Primate, Reactivity: Rat.	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry
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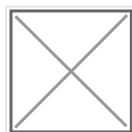
PRODUCT SYNONYMS

Glial Fibrillary Acidic Protein (GFAP); anti-GFAP antibody

PRODUCT SPECIFICATIONS

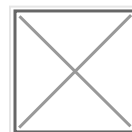
Host	Chicken
Reactivity	Cat, Human, Mouse, Primate, Reactivity: Rat.
Form/Format	Liquid. Provided as an IgY preparation plus 5mM NaN3
Applicable Applications for anti-GFAP antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Product Type	Chicken IgY
Immunogen Sequence	Recombinant full length human GFAP isotype 1 expressed in and purified from E. coli.
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° -8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles

IMAGES



Application Data

Image: Western blot of whole rat cerebellum homogenate stained with CPCA-GFAP, at dilution of 1:100,000. A prominent band running with an apparent SDS-PAGE molecular weight of ~50kDa corresponds to rodent GFAP. A lower band at ~45kDa is derived from the GFAP molecule.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-GFAP antibody	Glial fibrillary acidic protein (GFAP) is the 10nm or intermediate filament protein found specifically in astrocytic cells in the central nervous system. GFAP is strongly 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 many damage and disease states GFAP expression is heavily upregulated in astrocytes. In addition neural stem cells frequently strongly express GFAP. Antibodies to GFAP are therefore very useful as markers of astrocytic cells and neural stem cells.
Product Categories/Family for anti-GFAP antibody	Antibodies ; Stem Cell Research Antibodies ; GFAP

NCBI AND UNIPROT INFORMATION

NCBI GI #	121135
NCBI GeneID	2670
NCBI Official Full Name	Glial fibrillary acidic protein
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
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/chicken-cat-human-mouse-primate-rat-antibody/glial-fibrillary-acidic-protein-gfap/76524>