

Anti-Glial fibrillary acidic protein (GFAP) Antibody

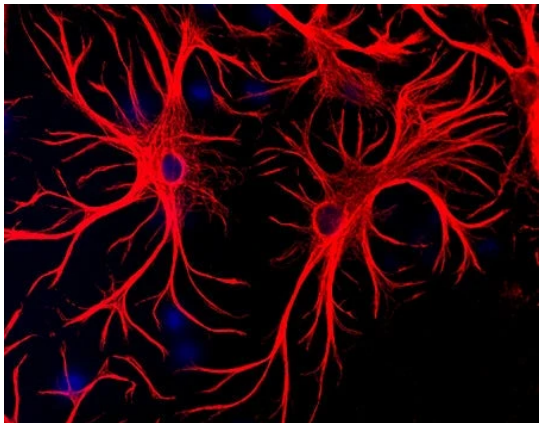


Product Details

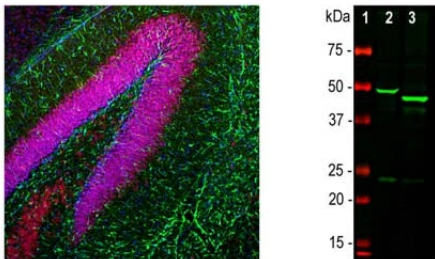
Available Variants	50 µL (SKU:C-1373-50)
Conjugate	Unconjugated
Isotype	IgY
Host Species	Chicken
Format	IgY preparation
Physical State	Lyophilized
Buffer	Lyophilized IgY preparation, with sodium azide.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:5000 ICC: 1:1000-1:5000
Species Reactivity	Feline, Human, Mouse, Rat
Immunogen	Recombinant GFAP (expressed in E.coli) and native bovine GFAP
Specificity	The specificity of this antibody has been confirmed by WB. Human, rat, mouse, feine. Predicted to react with other mammals.
Molecular Weight	50 kDa
Storage	Spin vial briefly before opening. Reconstitute with 50 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	Q28115
Country of Origin	United States
Shipping	25°C (ambient)

Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Mixed cultures of neurons and glia stained with Chicken polyclonal antibody to Glial Fibrillary Acidic Protein C-1373-50 (red) and DNA (blue). Astrocytes stain strongly and specifically in a clearly filamentous fashion with this antibody.



Left: Analysis of GFAP expression (green) in mouse hippocampus section by **Immunohistochemistry**. Section was stained with chicken anti-GFAP antibody (1:5,000) and co-stained with rabbit antibody to FOX3/NeuN (R-3770-100, 1:5,000, red). Blue: DAPI nuclear stain. IHC Method: Following transcardial perfusion with 4% PFA, mouse brain was post fixed for 24 hours, cut into 45 uM sections, and free-floating sections were stained. The GFAP antibody stains a network of astroglial cells, while the Fox3/NeuN antibody stains the nuclei and proximal perikarya of neurons.

Right: Western blot analysis of GFAP expression in whole rat (2) and mouse (3) brain lysates using chicken anti-GFAP antibody (1:5,000). The strong band at about 50 kDa corresponds to GFAP protein. Smaller proteolytic fragments and alternate transcripts of GFAP may also be detected on such blots.

Product Page URL: www.antibodiesinc.com/products/anti-glial-fibrillary-acidic-protein-gfap-antibody-c-1373-50

