

Anti-Glial Fibrillary Acidic Protein (GFAP) Antibody



Product Details

Available Variants	100 µL (SKU:621-GFAP) 25 µL (SKU:621-GFAPt)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	GFAP
Host Species	Chicken
Format	Total IgY fraction
Physical State	Liquid
Buffer	PBS + 10 mM NaN ₃ .
Production Notes	Total IgY fraction
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:10,000 WB Brain: 1:10,000 IHC: 1:1000-1:5000 ICC: 1:1000-1:5000
Species Reactivity	Rat
Immunogen	Human recombinant protein
Specificity	Specific for endogenous levels of the ~50 kDa GFAP protein. A lower band at ~45 kDa is a proteolytic fragment derived from the GFAP molecule.
Molecular Weight	50 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term

at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

Antibody Registry ID AB_2492125

UniProt ID [Q28115](#)

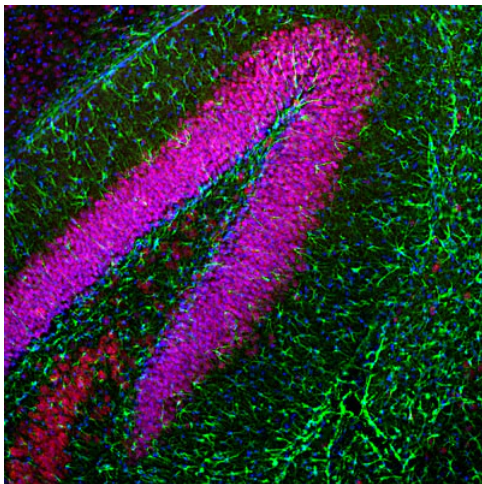
Shipping Blue Ice

Expiration After date of receipt, stable for at least 1 year at -20°C.

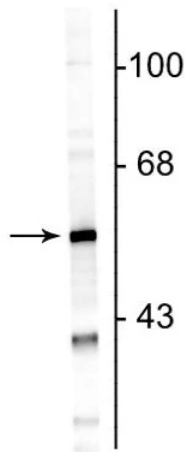
Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

NCBI Gene ID 281189

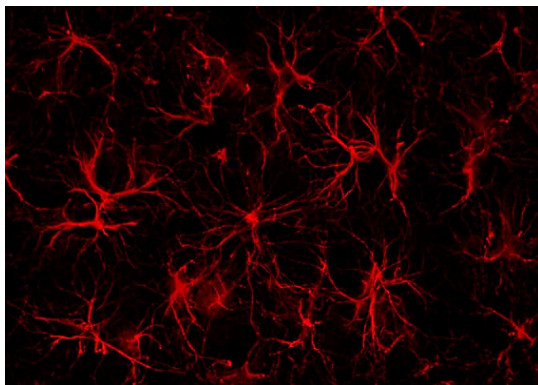
Product Images



Immunofluorescence of a section of mouse hippocampus colabeled with Anti-GFAP (Cat. 621-GFAP, green, 1:5000) and Anti-FOX3 (red). The Anti-FOX3 labels the nuclei and proximal perikarya of neurons while the Anti-GFAP labels a network of astroglial cells. The blue is DAPI staining of nuclear DNA.



Western blot of rat cortical lysate showing specific immunolabeling of the ~50 kDa GFAP protein.



Immunofluorescence of a section of mouse prefrontal cortex labeled with Anti-GFAP (Cat. 621-GFAP, red, 1:1000). Image courtesy Andrea Cardenas, Rosalind Franklin University, Medicine and Science.

Product Page URL: www.antibodiesinc.com/products/anti-glial-fibrillary-acidic-protein-gfap-antibody-621-gfap



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