

# Anti-Glial Fibrillary Acidic Protein (GFAP) Antibody



## Product Details

|                           |                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Available Variants</b> | 100 µL (SKU:620-GFAP)<br>25 µL (SKU:620-GFAPt)                                                                                                         |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                           |
| <b>Isotype</b>            | IgG                                                                                                                                                    |
| <b>Gene Name</b>          | GFAP                                                                                                                                                   |
| <b>Host Species</b>       | Rabbit                                                                                                                                                 |
| <b>Format</b>             | Neat Serum                                                                                                                                             |
| <b>Physical State</b>     | Liquid                                                                                                                                                 |
| <b>Buffer</b>             | Neat serum                                                                                                                                             |
| <b>Production Notes</b>   | Neat Serum                                                                                                                                             |
| <b>Applications</b>       | ELISA, ICC, IHC, WB                                                                                                                                    |
| <b>Dilution Ranges</b>    | WB: 1:1000-1:5000<br>WB Brain: 1:1000-1:5000<br>IHC: 1:300-1:5000<br>ICC: 1:1000-1:5000                                                                |
| <b>Species Reactivity</b> | Rat                                                                                                                                                    |
| <b>Immunogen</b>          | Human recombinant protein                                                                                                                              |
| <b>Specificity</b>        | 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.          |
| <b>Molecular Weight</b>   | 50 kDa                                                                                                                                                 |
| <b>Quality Control</b>    | Western blots performed on each lot.                                                                                                                   |
| <b>Storage</b>            | Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/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\_2492124

**UniProt ID** [Q28115](#)

**Shipping** Blue Ice

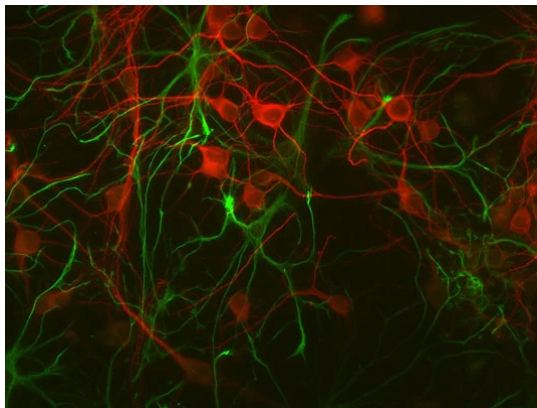
**Expiration** After date of receipt, stable for at least 1 year at -20°C.

**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.

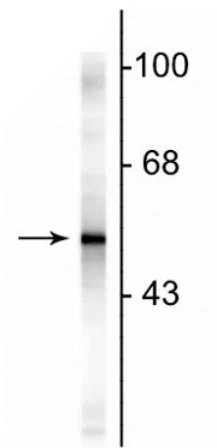
**NCBI Gene ID** 281189

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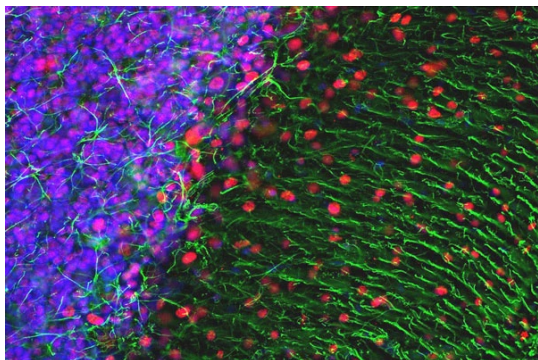
## Product Images



Immunolabeling of mouse cortical cultures labeled with Anti-GFAP (Cat. 620-GFAP, 1:1000, green) and anti-MAP2 (1100-MAP2, 1:1000, red).



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



Immunofluorescence of a section of rat cerebellum labeled with anti-GFAP (Cat. 620-GFAP, 1:5000, green), colabeled with anti-MeCP2 (Cat. 1205-MeCP2, 1:500, red), and DAPI staining of nuclear DNA. The anti-GFAP labels the astrocytic cells and the processes of Bergmann glia in the molecular layer.

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**Product Page URL:** [www.antibodiesinc.com/products/anti-glial-fibrillary-acidic-protein-gfap-antibody-620-gfap](http://www.antibodiesinc.com/products/anti-glial-fibrillary-acidic-protein-gfap-antibody-620-gfap)



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