

34-1046: Polyclonal Antibody to Glial Fibrillary Acidic Protein, GFAP

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|--------------------------------|---|
| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human |
| Gene : | GFAP |
| Gene ID : | 2670 |
| Uniprot ID : | P14136 |
| Format : | Conc. IgY prep. |
| Isotype : | Chicken, IgY |
| Immunogen Information : | Native GFAP, purified from bovine spinal cord |

Product Info

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|----------------------------|---|
| Amount : | 50 μ l / 100 μ l |
| Content : | Antibody is supplied as an aliquot of concentrated IgY preparation |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

WB: 1:5,000. IF/ICC and IHC: 1:1,000-1:5,000

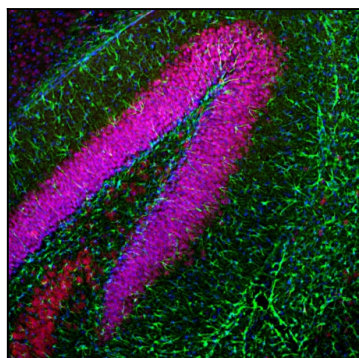


Figure-1: Immunofluorescent analysis of a section of mouse hippocampus stained with chicken pAb to GFAP,(34-1046), dilution 1:5,000 in green and costained with rabbit pAb to FOX3/NeuN,(34-1036), dilution 1:5,000, in red. The blue is Hoechst staining of nuclear DNA. Following transcardial perfusion with 4% paraformaldehyde, mouse brain was post fixed for 24 hours, cut to 45 μ m, and free-floating sections were stained with the above antibodies. The GFAP antibody stains a network of astroglial cells while the Fox3/NeuN antibody stains the nuclei and proximal perikarya of neurons.

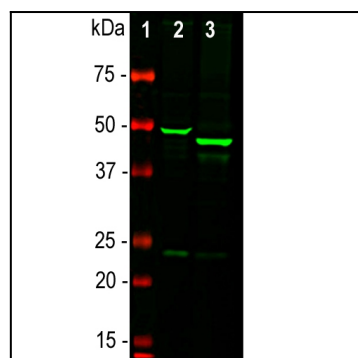


Figure-2: Western blot analysis of whole brain lysates using chicken pAb to GFAP,(34-1046), dilution 1:5,000 in green: [1] protein standard (red), [2] rat brain, [3] mouse brain. The strong band at about 50 kDa corresponds to the GFAP protein. Smaller proteolytic fragments and alternate transcripts of GFAP may also be detected on such blots.