

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: GFAP
Gene ID: 2670
Uniprot ID: P14136
Format: Cons. IgV. P

Format : Conc. IgY prep. Isotype : Chicken, IgY

Immunogen Information: Native GFAP, purified from bovine spinal cord

Product Info

Amount : $50 \mu l / 100 \mu l$

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

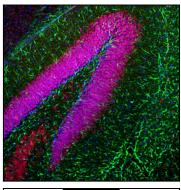


Figure-1: Immunofluorescent analysis of a section of mouse hippocampus stained with chicken pAb to GFAP,(34-1046), dilution 1:5,000 in green and costained with rabbit pAb to FOX3/NeuN,(34-1036), dilution 1:5,000, in red. The blue is Hoechst staining of nuclear DNA. Following transcardial perfusion with 4% paraformaldehyde, mouse brain was post fixed for 24 hours, cut to $451^{\circ}4$ 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.

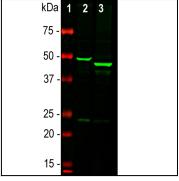


Figure-2: Western blot analysis of whole brain lysates using chicken pAb to GFAP,(34-1046), dilution 1:5,000 in green: [1] protein standard (red), [2] rat brain, [3] mouse brain. The strong band at about 50 kDa corresponds to the GFAP protein. Smaller proteolytic fragments and alternate transcripts of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