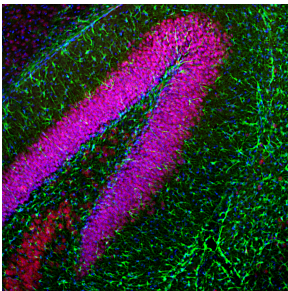


Anti-GFAP Antibody (A85307)

Specifications:

Name:	Anti-GFAP Antibody
Description:	Chicken polyclonal antibody to GFAP.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:5,000, ICC/IF: 1:1,000-1:5,000, IHC: 1:1,000-1:5,000
Reactivity:	Human, Horse, Cow, Porcine, Rat, Mouse
Immunogen:	Recombinant full-length human GFAP isotype 1, expressed in and purified from E. coli.
Host:	Chicken
Clonality:	Polyclonal
Isotype:	IgY
Conjugate:	Unconjugated
Molecular Weight:	~55 kDa
Purity:	IgY preparation.
Product Form:	Liquid
Formulation:	Supplied as an aliquot of IgY preparation with 5mM Sodium Azide.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

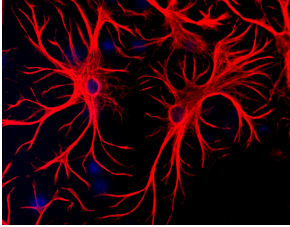
Images:



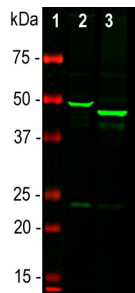
Immunofluorescent analysis of a section of mouse hippocampus stained with Anti-GFAP Antibody (1:5,000 | green) and co-stained with Anti-FOX3/NeuN Antibody (A85402 | 1:5,000 | red). The blue is DAPI staining of nuclear DNA. Following transcardial perfusion with 4% paraformaldehyde, mouse brain was post fixed for 24 hours, cut to 45 μ M, and free-floating sections were stained with the above antibodies. The Anti-GFAP Antibody stains a network of astroglial cells while the Anti-Fox3/NeuN Antibody stains the nuclei and proximal perikarya of neurons.

Anti-GFAP Antibody (A85307)

Images continued:



Mixed cultures of neurons and glia stained with Anti-GFAP Antibody (red) and DNA (blue). Astrocytes stain strongly and specifically in a clearly filamentous fashion with this antibody.



Western blot analysis of whole brain lysates using Anti-GFAP Antibody (1:5,000 | 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.