

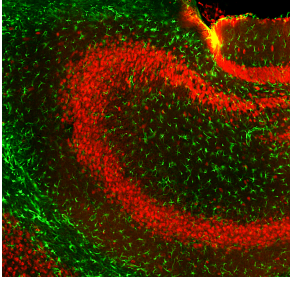
Anti-GFAP Antibody (A270545)

Specifications:

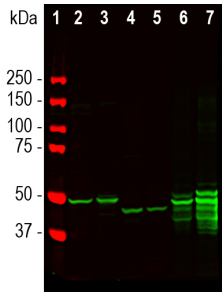
Name:	Anti-GFAP Antibody
Description:	Goat polyclonal antibody to GFAP.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:5,000, ICC/IF: 1:5,000
Reactivity:	Human, Rat, Mouse
Immunogen:	Recombinant full-length human GFAP isotype 1, expressed in and purified from E. coli.
Host:	Goat
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	50 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:



Immunofluorescent analysis of mouse hippocampus section stained with Anti-GFAP Antibody (A270545), at a dilution of 1:5,000, in green. The tissue was co-stained with Anti-Fox3 Antibody (A85404), at a dilution of 1:2,000, in red. Nuclear DNA is visualised in blue using Hoechst staining. Following transcardial perfusion of the mouse with 4% paraformaldehyde, the brain was post-fixed for 24 hours, cut to 45 μm , and free-floating sections were stained with the above antibodies. The Anti-GFAP Antibody (A270545) stains the network of astrocytic glial cells, while the Anti-Fox3 Antibody (A85404) specifically labels nuclei and proximal perikarya of neurons.



Western blot analysis of brain lysates from different species using Anti-GFAP Antibody (A270545), at a dilution of 1:5,000, in green. The lanes contain samples of: [1] Protein standards, in red, [2] rat cortex, [3] rat cerebellum, [4] mouse cortex, [5] mouse cerebellum, [6] cow cortex, and [7] cow cerebellum. The strong band at about 50 kDa corresponds to GFAP protein. Smaller proteolytic fragments of GFAP are also detected on the blot.