



...Specializing in custom-made chicken antibodies against “difficult” antigens.

PRODUCT SPECIFICATIONS

Product Description:	Glial Fibrillary Acidic Protein (GFAP) chicken polyclonal antibody mixture
Catalog Number:	GFAP
Antibody Concentrations:	2.0 mg IgY/ml (based on Bradford assay readings using bovine serum albumin as a standard).
Volume:	Regular and sample vials contain 200 ul of this antibody mixture
Buffer:	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline (“PBS,” pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production:	Chickens were immunized with recombinant GFAP (expressed in bacteria). After repeated injections, immune eggs were collected, the IgY fractions were purified from the yolks, and the IgY concentration adjusted to 20 mg/ml. This preparation was then diluted 1:10 with PBS containing bovine serum albumin as a carrier. Finally, the antibody preparation was filter-sterilized.
Quality Control:	Quality assurance analysis was performed using immunohistochemistry (at a dilution of 1:5000) using fluorescein-labeled goat anti-chicken IgY (1:500 dilution, Aves Labs Cat.# F-1005) as the secondary reagent.
Storage Conditions:	Store at 4°C in the dark. Under these conditions, the antibody should have a shelf life of at least 12 months (provided they remain sterile). Do not freeze this antibody unless you want to store them for longer periods of time. Note, however, that each time an antibody preparation is frozen, about half its binding activity is lost.
Recommended Dilutions:	1:2000-1:5000 for immunohistochemistry and immunocytochemistry using 2% paraformaldehyde-fixed tissues or cells. 1:10000-1:20000 for western blots. Please note that these dilutions are meant to serve as starting points, and that optimal dilutions may vary.

NOTE: These antibodies are meant to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.