



...Specializing in custom-made chicken antibodies against "difficult" antigens.

PRODUCT SPECIFICATIONS

Product Description:	NF-M (Neurofilament protein, Medium Chain, 160 kDa) chicken polyclonal antibody
Catalog Number:	NFM
Antibody Concentrations:	2.0 mg IgY/ml
Volume:	Regular and sampler vials contain 200 ul of this antibody mixture.
Buffer:	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with bovine serum albumin (BSA, 1%) present to prevent absorption to the plastic and sodium azide (0.02%, w/v) added as a preservative.
Production:	Chickens were immunized with a recombinant protein corresponding to the C-terminal region of the NF-M gene product. After repeated injections into the hens, immune eggs were collected, and the IgY fractions were purified from the yolks. Antibodies were diluted in the buffer described above, and then 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 the antibody unless you want to store it 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. 1:5000-1:10000 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.