

Product Datasheet

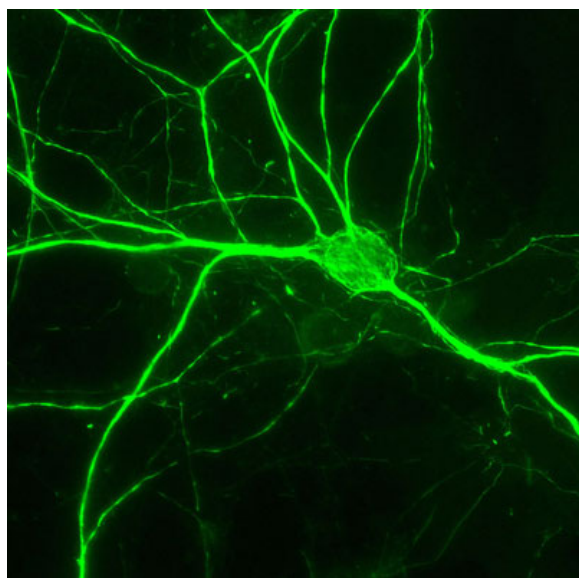
Chickens make *better* antibodies.

Anti-NFH (Neurofilament Heavy Chain) Antibody

Overview

Catalog #	NFH
Concentration	1 mg/mL
Host Species	Chicken Polyclonal
Format	IgY Fraction
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS" pH 7.2) with bovine serum albumin (BSA, 0.5%) added to prevent absorption to the plastic and sodium azide (0.02%, w/v) added as a preservative
Applications	IHC 1:2000-1:5000 ICC 1:2000-1:5000 WB 1:5000-1:10,000
Species Reactivity	Human, Mouse, and Rat
Immunogen	Native NF-H purified from bovine spinal cord
Molecular Weight	200-220 kDa
Cite this Antibody	Aves Labs Cat# NFH, RRID: AB_2313552

Images



Cortical neuron from a neo-natal mouse brain culture immunocytochemically stained for NF-H immunoreactivity (1:5000 dilution). Secondary antibody (fluorescein-labeled goat anti-chicken IgY, (1:1000 dilution)

Details

Target Description	Human Neurofilament Heavy Chain (NFH) is a 115,378 dalton protein (1072 amino acids) that forms part of the neuronal cytoskeleton. NFH is physically associated with 10 nm intermediate filaments and is said to be one of the "neurofilament triplet" proteins, although it probably serves more to stabilize the cytoskeleton rather than as an integral structural component. NFH immunoreactivity is found in neuronal somata, dendrites and axons.
Purification Method	Chickens were immunized with NF-H protein purified from adult bovine brains. After repeated injections into the hens, immune eggs were collected, and the IgY fractions were purified from the yolks.
Quality Control Tests	Quality assurance analysis was performed using immunohistochemistry (at a dilution of 1:50000) using fluorescein-labeled goat anti-chicken IgY (1:500 dilution, Aves Labs Cat.# F-1005) as the secondary reagent.
Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience how chickens make better antibodies.

Note: For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.