

Neurofilament

Data Sheet

Catalog Number: CH22101

Product Type: Chicken IgY

Immunogen Sequence: recombinant alpha-internexin

Format: liquid

Species Reactivity: Human, Mouse, Rat

Applications: Immunocytochemistry
Immunohistochemistry
Western blotting
ELISA

Dilutions: ICC 1:1000
IHC 1:1000
WB 1:10,000

Storage: Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

The serum can be diluted to 1:1,000 and higher for immunofluorescence staining and 1:10,000 and higher for western blotting. On western blots use a brain or spinal cord homogenate and look for a major band at SDS-PAGE apparent molecular weight of 66 to 68kDa, depending on the species. The human protein runs at ~68kDa, while rat, mouse and other species run at ~66kDa. Minor bands at ~150kDa are probably covalent dimers, and bands at ~50kDa represent a-internexin breakdown products.