

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.