

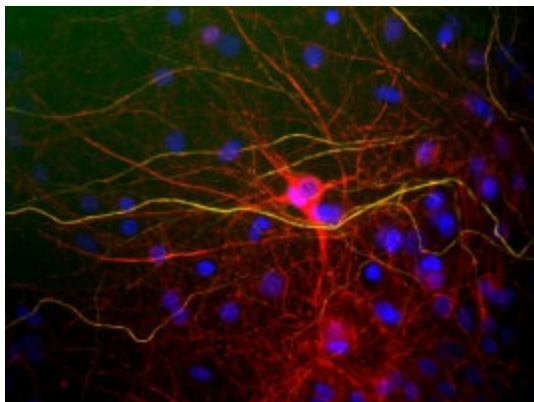
## Product datasheet for CH22105-100

### Nefl Chicken Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Reactivity:	Feline, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Formulation:	State: Serum
Gene Name:	neurofilament, light polypeptide
Database Link:	<a href="#">Entrez Gene 18039 Mouse</a>
Synonyms:	NF-L, NEFL, NF68, 68 kDa neurofilament protein

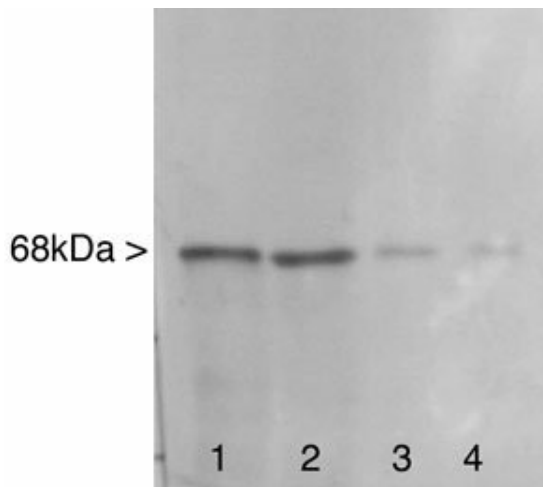
#### Product images:



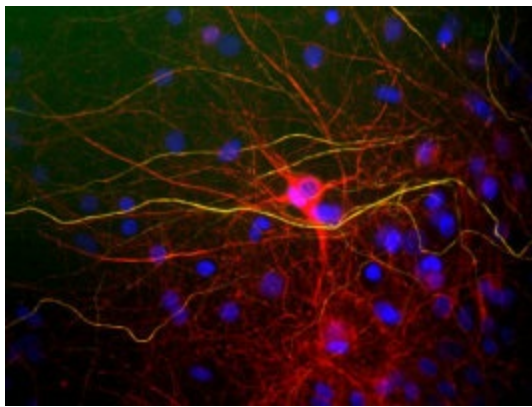
View of mixed neuron/glia cultures stained with chicken polyclonal NF-L (red) and phosphorylated NF-H. The NF-L protein is assembled into neurofilaments which are found throughout the axons, dendrites and perikarya of these cells. In contrast the phosphorylated NF-H has a much more restricted expression pattern, being found only in developed axonal neurofilaments. Since both proteins are found in neurofilaments, the red and green patterns overlap, so that neurofilaments containing NF-L and phosphorylated NF-H appear yellowish. In contrast neurofilaments containing only NF-L appear red. Protocol on datasheet.



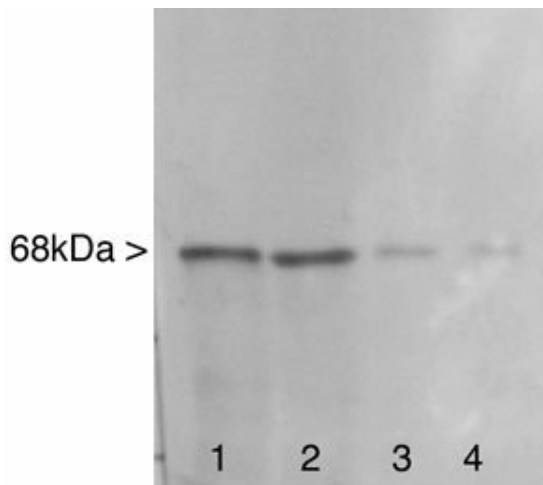
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NF-L western blots of whole protein extracts of rat spinal cord (lane 1), brain stem (lane 2), cerebellum (lane 3) and cerebral cortex (lane 4). Neurofilaments are concentrated in large projection axons and therefore NF-L is a much more major component of spinal cord than cortical regions. Protocol on datasheet.



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