

Product Name: 68kDa Neurofilament Rabbit Monoclonal Antibody**Catalog #: AMRe86922**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.15mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:500-1:2000,ICC/IF 1:20-1:50,IP 1:20-1:50
Molecular Weight	Calculated MW:62 kDa; Observed MW:68 kDa

Antigen Information

Gene Name	68kDa Neurofilament
Alternative Names	NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110
Gene ID	4747,18039,83613
SwissProt ID	P08551,P08551,P19527
Immunogen	Recombinant protein of mouse 68kDa Neurofilament

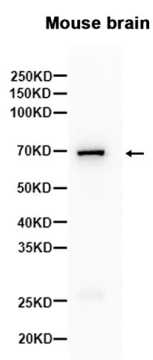
Background

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in

intracellular transport to axons and dendrites. This gene encodes the light chain neurofilament protein. Mutations in this gene cause Charcot-Marie-Tooth disease types 1F (CMT1F) and 2E (CMT2E), disorders of the peripheral nervous system that are characterized by distinct neuropathies. A pseudogene has been identified on chromosome Y. [provided by RefSeq, Oct 2008]

Research Area

Image Data



Western blot analysis of extracts from Mouse brain tissue using 68kDa Neurofilament Rabbit Monoclonal Antibody at 1:1000.