
Product Name: Neurofilament heavy polypeptide Rabbit Monoclonal Antibody**Catalog #: AMRe87230**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC |
| 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 1:1000-1:5000 |
| Molecular Weight | Calculated MW:113 kDa; Observed MW:180-220 kDa |

Antigen Information

| | |
|--------------------------|--|
| Gene Name | Neurofilament heavy polypeptide |
| Alternative Names | NFH; CMT2CC |
| Gene ID | 4744 |
| SwissProt ID | P12036 |
| Immunogen | A synthetic peptide of human Neurofilament heavy polypeptide |

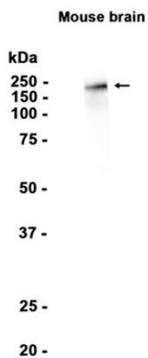
Background

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

transport to axons and dendrites. This gene encodes the heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene. [provided by RefSeq, Oct 2008]

Research Area

Image Data



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