Product datasheet

Anti-NF-H/NF200/NEFH Antibody

Catalog Number: *A05307*

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antibody and ELISA experts
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Basic Information

Product Name	Anti-NF-H/NF200/NEFH Antibody
Gene Name	Nefh
Source	Rabbit
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	WB, IHC, FCM, ELISA
Contents	500 ug/ml antibody with PBS， 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived mouse Nefh recombinant protein (Position: Y109-E466).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	117-220KD
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section IHC 1:50-400 Flow cytometry (FCM): 1-3 μg/1x10^6 cells ELISA: 1:100-1000 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

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.

Reference

Anti-NF-H/NF200/NEFH Antibody被引用在1文献中。

Selected Validation Data

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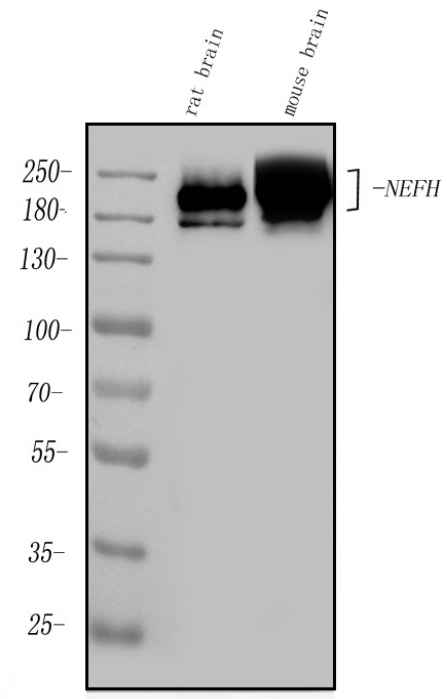

Figure 1. Western blot analysis of anti- Nefh antibody (A05307). The sample well of each lane was loaded with 50ug of sample under reducing conditions.Lane 1: rat brain tissue lysates,Lane 2: mouse brain tissue lysates. Use rabbit anti- Nefh 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002). A specific band was detected for Nefh at approximately 117-220KD. The expected band size for Nefh at 117KD.

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