# antibodies -online.com





# anti-NEFH antibody (AA 2-251)





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|--------|-----|-------------|-----|---|---|---|---|
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| Quantity:            | 0.1 mg  |
|----------------------|---|
| Target:              | NEFH  |
| Binding Specificity: | AA 2-251  |
| Reactivity:          | Human   |
| Host:                | Mouse   |
| Clonality:           | Monoclonal  |
| Conjugate:           | This NEFH antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), ELISA |
| Dradust Dataila      |   |

#### **Product Details**

| Immunogen:    | Purified recombinant fragment of human NEFH (AA: 2-251) expressed in E. coli. |  |
|---------------|---|--|
| Clone:        | 4F2G12  |  |
| Isotype:      | lgG1  |  |
| Purification: | purified  |  |

# Target Details

| Target:           | NEFH   |
|-------------------|--|
| Alternative Name: | NEFH (NEFH Products)   |
| Background:       | Description: 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.

Aliases: NFH, CMT2CC

Molecular Weight: 112.4 kDa

Gene ID: 4744

## **Application Details**

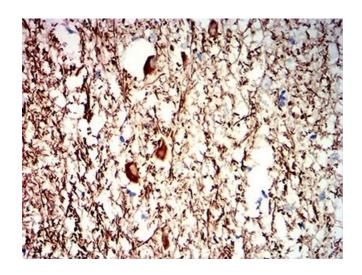
| Application Notes: | WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000, |
|--------------------|--|
|                    |  |

Restrictions: For Research Use only

## Handling

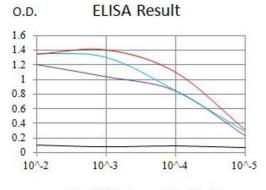
| Buffer:            | Purified antibody in PBS with 0.05 % sodium azide  |  |
|--------------------|--|--|
| Preservative:      | Sodium azide   |  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |  |
| Storage:           | 4 °C/-20 °C  |  |
| Storage Comment:   | 4°C, -20°C for long term storage   |  |

## **Images**



#### **Immunohistochemistry**

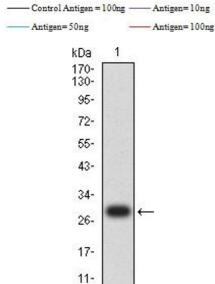
**Image 1.** Immunohistochemical analysis of paraffinembedded human medulla oblongata tissues using NEFH mouse mAb with DAB staining.



#### **ELISA**

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

#### Serial Dilutions of Antibody



### **Western Blotting**

**Image 3.** Western blot analysis using NEFH mAb against human NEFH (AA: 2-251) recombinant protein. (Expected MW is 29.6 kDa)

Please check the product details page for more images. Overall 7 images are available for ABIN7193620.