

Datasheet for ABIN672156
anti-NEFH antibody (AA 1-100)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	NEFH
Binding Specificity:	AA 1-100
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEFH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Neurofilament H
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	NEFH
Alternative Name:	Neurofilament H (NEFH Products)
Background:	Synonyms: NFH, Neurofilament heavy polypeptide, NF-H, 2 kDa neurofilament protein,

Target Details

Neurofilament triplet H protein, NEFH, KIAA845

Background: Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. NF-H has an important function in mature axons that is not subserved by the two smaller NF proteins.

Gene ID: 4744

UniProt: [P12036](#)

Application Details

Application Notes:

- WB 1:300-5000
- ELISA 1:500-1000
- FCM 1:20-100
- IHC-P 1:200-400
- IHC-F 1:100-500
- IF(IHC-P) 1:50-200
- IF(IHC-F) 1:50-200
- IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

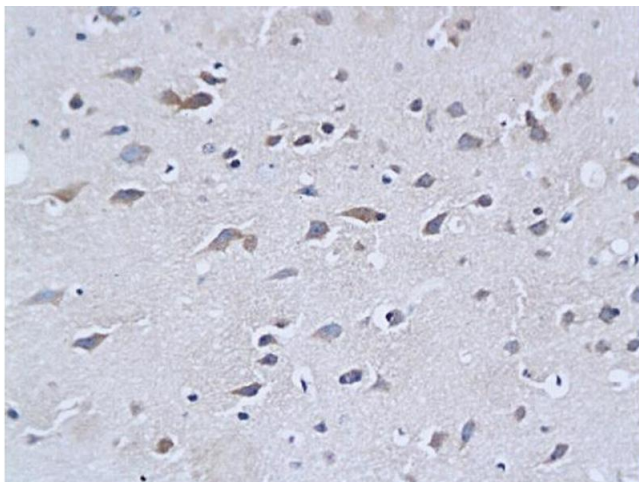
Product cited in: Zhao, Cheng, Du, Hou, Liu, Cui, Nie: "Transplantation of Cerebral Dopamine Neurotrophic Factor

Transduced BMSCs in Contusion Spinal Cord Injury of Rats: Promotion of Nerve Regeneration by Alleviating Neuroinflammation." in: **Molecular neurobiology**, (2014) ([PubMed](#)).

Wang, Xu, Qin, Wang, Ma, Luo, Zhang: "Myocardin-related transcription factor-A is a key regulator in retinoic acid-induced neural-like differentiation of adult bone marrow-derived mesenchymal stem cells." in: **Gene**, Vol. 523, Issue 2, pp. 178-86, (2013) ([PubMed](#)).

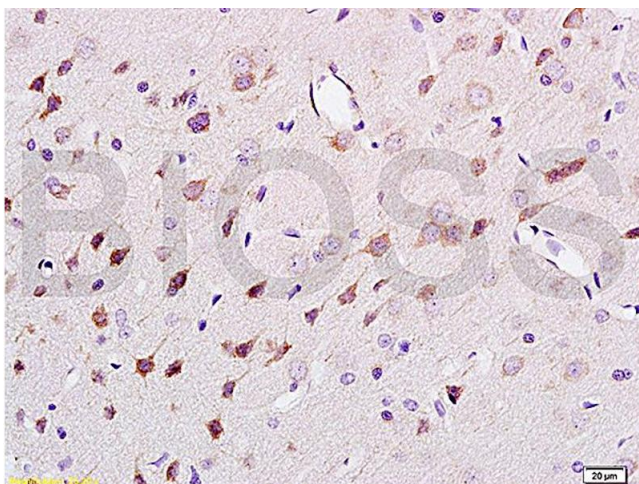
Cheng, Liu, Zhao, Zhang, Guo, Nie: "Lentiviral-mediated transfer of CDNF promotes nerve regeneration and functional recovery after sciatic nerve injury in adult rats." in: **Biochemical and biophysical research communications**, Vol. 440, Issue 2, pp. 330-5, (2013) ([PubMed](#)).

Images



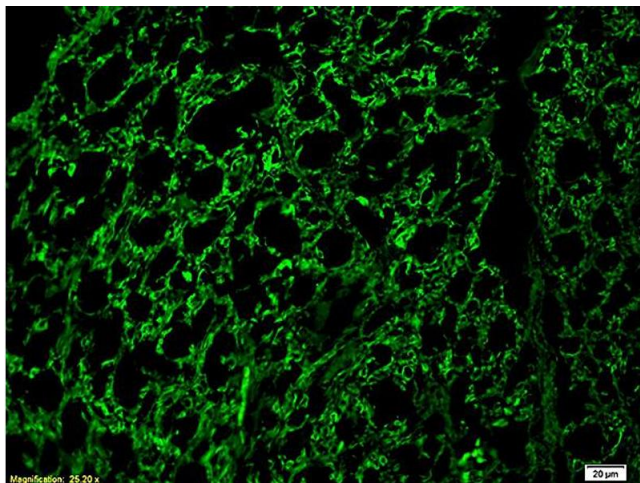
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse brain tissue labeled with Rabbit Anti-NF-H/Neurofilament H/Neurofilament 200 Polyclonal Antibody (ABIN672156), Unconjugated followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat brain tissue labeled Anti-NF-H/Neurofilament H/Neurofilament 200 Polyclonal Antibody (ABIN672156), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin embedded rat spinal cord labeled with Rabbit Anti-NF-H/Neurofilament H/Neurofilament 200 Polyclonal Antibody (ABIN672156), Unconjugated 1:200 followed by conjugation to the secondary antibody and DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN672156.