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Datasheet for ABIN2177936

anti-NEFH antibody (AA 21-120)

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Overview

Quantity:	100 µL
Target:	NEFH
Binding Specificity:	AA 21-120
Reactivity:	Human, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEFH antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NF-H
Isotype:	IgG
Cross-Reactivity:	Chicken, Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NEFH
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Target Details

Alternative Name: NF-H ([NEFH Products](#))

Background: Synonyms: NFH, Neurofilament heavy polypeptide, NF-H, 200 kDa neurofilament protein, Neurofilament triplet H protein, NEFH, KIAA0845
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
ICC 1:100-500

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.

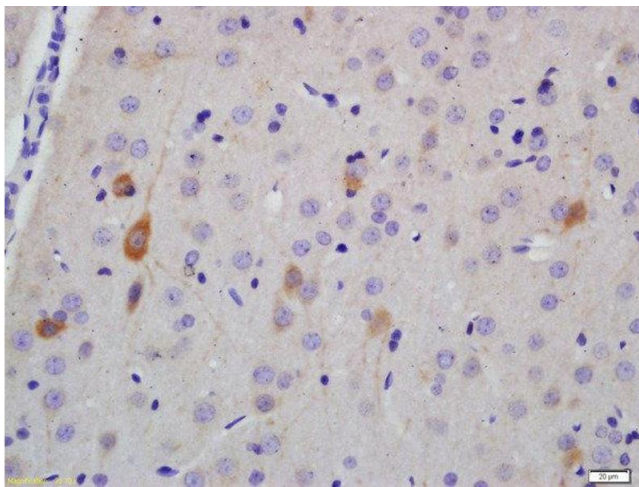
Expiry Date: 12 months

Product cited in:

Liu, Zhang, Zhang, Zhang, Hao, Song, Li, Feng, Hao, Shen, Min, Yang, Zhao: "Regulation of neuroendocrine cells and neuron factors in the ovary by zinc oxide nanoparticles." in: **Toxicology letters**, Vol. 256, pp. 19-32, (2016) ([PubMed](#)).

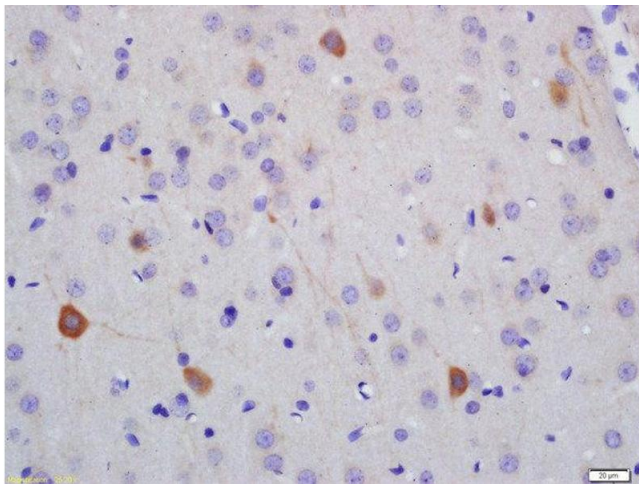
Liu, Nie, Zhao, Zhang, Zhang, Wang, Cheng: "Conserved dopamine neurotrophic factor-transduced mesenchymal stem cells promote axon regeneration and functional recovery of injured sciatic nerve." in: **PLoS ONE**, Vol. 9, Issue 10, pp. e110993, (2014) ([PubMed](#)).

Images



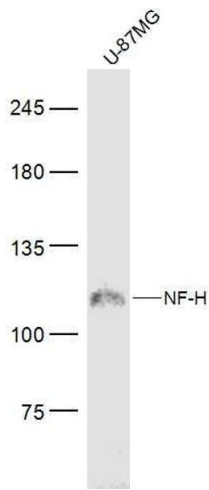
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-NF-H Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

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



Western Blotting

Image 3. U-87MG lysates probed with NF-H Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.