

**NEFH / NF-H Antibody**  
**Chicken Polyclonal Antibody**  
**Catalog # ALS15985****Specification**

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**NEFH / NF-H Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">P12036</a>
Reactivity	Human, Bovine
Host	Chicken
Clonality	Polyclonal
Calculated MW	112kDa KDa

**NEFH / NF-H Antibody - Additional Information****Gene ID** 4744**Other Names**

Neurofilament heavy polypeptide, NF-H, 200 kDa neurofilament protein, Neurofilament triplet H protein, NEFH, KIAA0845, NFH

**Reconstitution & Storage**

May be stored at 4°C. For long-term storage, aliquot and store at 4°C. Do not freeze. Aliquots are stable for at least 12 months. Sensitive to light.

**Precautions**

NEFH / NF-H Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**NEFH / NF-H Antibody - Protein Information****Name** NEFH**Synonyms** KIAA0845, NFH**Function**

Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. NEFH has an important function in mature axons that is not subserved by the two smaller NF proteins. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity).

**Cellular Location**

Cytoplasm, cytoskeleton. Cell projection, axon {ECO:0000250|UniProtKB:P19246}

**Volume**

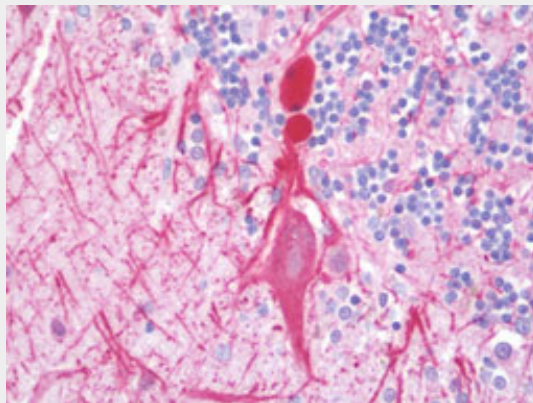
50 µl

## NEFH / NF-H Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## NEFH / NF-H Antibody - Images



Anti-NEFH / NF-H antibody IHC staining of human brain, cerebellum.

## NEFH / NF-H Antibody - 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.

## NEFH / NF-H Antibody - References

- Lees J.F., et al. EMBO J. 7:1947-1955(1988).  
Zhu Y., et al. Beijing Yi Ke Da Xue Xue Bao 31:531-531(1999).  
Nagase T., et al. DNA Res. 5:355-364(1998).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Dunham I., et al. Nature 402:489-495(1999).