10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

NEFH / NF-H Antibody - Product Information

Application	**IHC**
Primary Accession	P12036
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

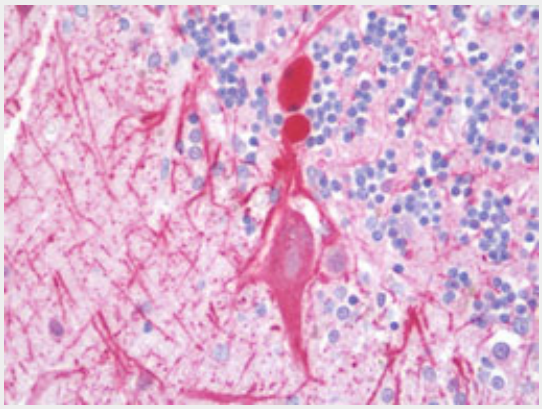
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NEFH / NF-H Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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).