

Anti-NEFH/Nf H Rabbit Monoclonal Antibody

Catalog # ABO13503

Product Information

Application	WB, IHC
Primary Accession	P12036
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-NEFH/Nf H Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	4744
Other Names	Neurofilament heavy polypeptide, NF-H, 200 kDa neurofilament protein, Neurofilament triplet H protein, NEFH, KIAA0845, NfH
Calculated MW	111838
Application Details	WB 1:500-1:2000 IHC 1:100-1:500
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AOEO-14
Immunogen	A synthesized peptide derived from human NEFH
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

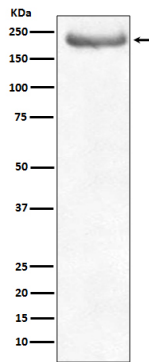
Name	NEFH
Synonyms	KIAA0845, NfH
Function	Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber.

NEFH has an important function in mature axons that is not subsumed 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}

Images



Western blot analysis of NEFH expression in human brain lysate.

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