

NFH polyclonal antibody

Catalog: BS90936

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Neurofilament-H (NF-H), for neurofilament heavy polypeptide, a member of the intermediate filament family, is a major component of neuronal cytoskeletons. Neurofilaments are dynamic structures; they contain phosphorylation sites for a large number of protein kinases, including protein kinase A, protein kinase C, cyclin-dependent kinase 5, extracellular signal regulated kinase, glycogen synthase kinase-3, and stress-activated protein kinase gamma. In addition to their role in the control of axon caliber, neurofilaments may affect other cytoskeletal elements, such as microtubules and Actin filaments. Changes in neurofilament phosphorylation or metabolism are frequently observed in neurodegenerative diseases, including amyotrophic lateral sclerosis (ALS), Parkinson's disease and Alzheimer's disease.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

200 kDa

Swiss-Prot:

P12036(Human) P19246(Mouse) P16884(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

IHC:1:50-1:200

Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

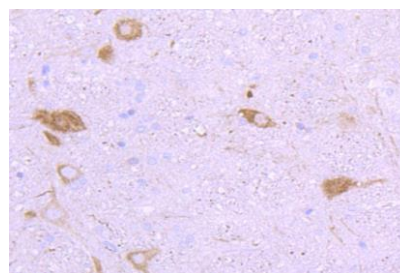
Specificity:

NFH polyclonal antibody detects endogenous levels of NFH protein.

DATA:



Western blot analysis of NEFH on mouse brain lysates using anti-NEFH antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue using anti-NEFH antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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