
NF-H Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250768

Unit: 0.1 mg

Description:

Neurofilament triplet H protein (NF-H) is one of the three intermediate filament proteins (L, M and H) making up neurofilaments. NF-H is 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. Phosphorylation plays a major role in the functioning of the larger neurofilament polypeptides (NF-M and NF-H), the levels of phosphorylation being altered developmentally and coincident with a change in the neurofilament function. Defects in NF-H are a cause of susceptibility to amyotrophic lateral sclerosis (ALS), a neurodegenerative disorder affecting upper and lower motor neurons resulting in fatal paralysis.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Neurofilament heavy polypeptide; NF-H; Neurofilament triplet H protein; 200 kDa neurofilament protein; NEFH; NFH

Accession No.: P12036

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NF-H.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.