

Product datasheet for **AM20650PU-N**

NFH (NEFH) (Phospho and non-Phospho) Mouse Monoclonal Antibody [Clone ID: NF-200]

Product data:

Product Type:	Primary Antibodies
Clone Name:	NF-200
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 0.5 µg/ml. Immunohistochemistry on frozen and paraffin sections: 1 - 2 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	C-terminal segment of enzymatically dephosphorylated pig Neurofilament 200.
Specificity:	This antibody reacts to Neurofilament H (200 kD).
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neurofilament, heavy polypeptide
Database Link:	Entrez Gene 24587 Rat Entrez Gene 380684 Mouse Entrez Gene 4744 Human P12036



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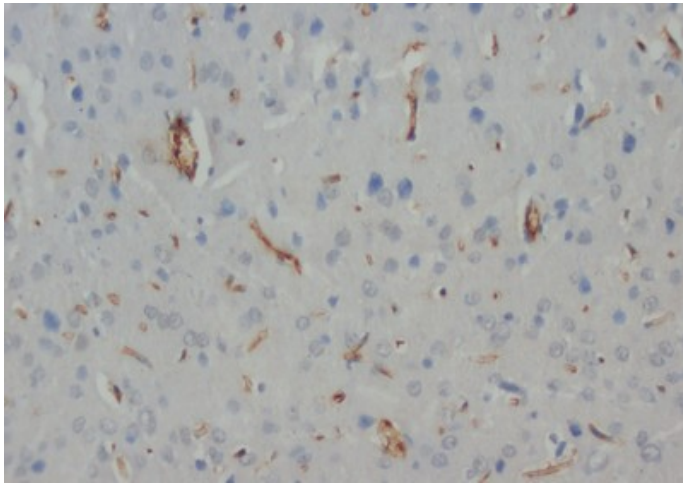
Background: Neurofilaments are composed of 3 neuron-specific proteins with apparent molecular masses of 68 Kd (NFL), 125 kD (NFM), and 200 kD (NFH) on SDS-gel electrophoresis. Genomic clones for the largest human neurofilament protein (NF-H) were isolated, the intron/exon boundaries mapped and the entire protein-coding regions (exons) sequenced. mutations in neurofilaments have been linked to some forms of Charcot-Marie-Tooth disease (CMT)

Synonyms: NEFH,NF-H,KIAA0845, NFH, 200 kDa neurofilament protein, Neurofilament triplet H protein, (Neuronal Marker), heavy polypeptide

Protein Families: Druggable Genome

Protein Pathways: Amyotrophic lateral sclerosis (ALS)

Product images:



Immunohistochemistry on Rat brain tissue sections