NEFH monoclonal antibody, clone NAP4

Catalog # MAB6235 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot of rat cortex lysate showing specific immunolableing of the ~ 200k NEFH protein.

Specification

Product Description	Mouse monoclonal antibody raised against native NEFH.
Immunogen	Native purified bovine NEFH.
Host	Mouse
Theoretical MW (kDa)	200
Reactivity	Bovine
Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (1:5000) Immunofluorescence (1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Applications

- Immunofluorescence
- Western Blot (Tissue lysate)

  Western blot of rat cortex lysate showing specific immunolableing of the ~ 200k NEFH protein.

Gene Info — NEFH

Entrez GeneID	4744
Protein Accession#	P12036
Gene Name	NEFH
Gene Alias	NFH
Gene Description	neurofilament, heavy polypeptide
Omim ID	105400 162230
Gene Ontology	Hyperlink
Gene Summary	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber . They may also play a role in intracellular transport to axons and dendrites. This gene encodes th e heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in thi s gene. [provided by RefSeq
Other Designations	neurofilament triplet H protein|neurofilament, heavy polypeptide 200kDa

Pathway

- Amyotrophic lateral sclerosis (ALS)

Disease

- Amyotrophic lateral sclerosis
- Dominance

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- Genetic Predisposition to Disease
- Motor Neuron Disease
- Multiple Sclerosis
- Schizophrenia

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