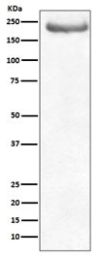
NF-H Antibody AOEO-14 / Neurofilament Heavy Rabbit Monoclonal Antibody [clone AOEO-14] (RQ5381)

Catalog No.	Formulation	Size
RQ5381	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOEO-14
Purity	Affinity purified
UniProt	P12036
Applications	Western blot: 1:500-1:2000
Limitations	This NF-H Antibody AOEO-14 / Neurofilament Heavy Rabbit Monoclonal Antibody is available for research use only.



NF-H Antibody AOEO-14 WB Analysis. Western blot testing of human brain lysate with NF-H antibody (clone AOEO-14). Predicted molecular weight ~200 kDa.

Description

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. The NEFH gene encodes the 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 this gene. [RefSeq]

For additional research on NF-H expression, axonal structure and neurofilament biology, see our Neurofilament Heavy Chain Antibody / Axonal Cytoskeleton Marker page.

Application Notes

Optimal dilution of the NF-H Antibody AOEO-14 / Neurofilament Heavy Rabbit Monoclonal Antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Neurofilament Heavy / NF-H / NEFH was used as the immunogen for the NF-H Antibody AOEO-14.

Storage

Store the NF-H Antibody AOEO-14 at -20oC.

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