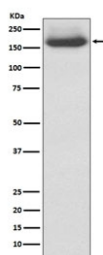


NF-M Antibody / Neurofilament Medium [clone AAGI-14] (RQ5169)

Catalog No.	Formulation	Size
RQ5169	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAGI-14
Purity	Affinity purified
UniProt	P07197
Applications	Western Blot : 1:1000-1:5000
Limitations	This NF-M antibody is available for research use only.



Western blot testing of human 293T cell lysate with NF-M antibody. Predicted molecular weight: ~102 kDa but routinely observed at 145~160 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 NEFM gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of neuronal damage. [RefSeq]

Application Notes

Optimal dilution of the NF-M antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human NEFM / Neurofilament Medium was used as the immunogen for the NF-M antibody.

Storage

Store the NF-M antibody at -20oC.