

NF-H Monoclonal Antibody (RNF 402)

Catalog Number OMA1-06116

Product data sheet

Details	
Size	100 µL
Host/Isotope	Mouse / IgM
Class	Monoclonal
Type	Antibody
Clone	RNF 402
Immunogen	Neurofilament preparation of calf brain tissue
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Bovine, Dog, Chicken, Guinea pig, Hamster, Human, Mouse, Non-human primate, Sheep, Rabbit, Rat, Xenopus

Tested Applications		Dilution *		
Immunohistochemistry (Frozen) (IHC (F))	Immunohistochemistry (Paraffin) (IHC (P))	Western Blot (WB)	Immunocytochemistry (ICC/IF)	1:10-1:100
				1:10-1:100
				1:25-1:250
				Assay-dependent

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

OMA1-06116 detects both the phosphorylated and non-phosphorylated forms of the 200 kDa neurofilament from rat, guinea pig, rabbit, dog, hamster, chicken, mouse, cow, monkey, sheep, xenopus and human tissues. OMA1-06116 has been successfully used in immunohistochemical (frozen & paraffin) and Western blot procedures. By Western blot, this antibody detects a single ~200 kDa protein representing both forms of the 200 kDa neurofilament from rat brain homogenate. OMA1-06116 antigen is cytoskeletal preparation of calf brain tissue.

Background/Target Information

Involved in the maintenance of neuronal caliber, neurofilaments are the intermediate filament proteins found specifically in neurons, and are composed predominantly of three major proteins called NF-L, NF-M and NF-H. Like most other intermediate filament proteins (IFPs), the expression of the different neuronal IFPs is both tissue-specific and developmentally regulated. NF-H has an important role in mature axons and is involved in amyotrophic lateral sclerosis (ALS).

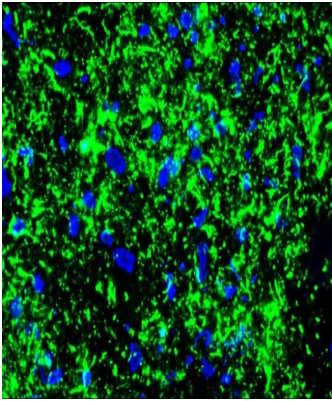
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Product Images For NF-H Monoclonal Antibody (RNF 402)



**NF-H Antibody (OMA1-06116) in IHC (F)**  
Immunohistochemistry on frozen section of rat brain stained with Neurofilament, Heavy chain monoclonal antibody (Product # OMA1-06116).

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