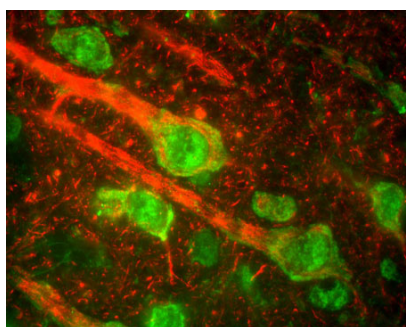




## Rabbit polyclonal antibody to Neurofilament Medium: Whole serum

<b>Catalogue No.:</b>	R-1395-50
<b>Description:</b>	Neurofilaments are composed of three intermediate filament proteins: light (~68 kDa), medium (~160 kDa) and heavy (~200 kDa), which are involved in the maintenance of the neuronal caliber. Neurofilament medium runs on SDS-PAGE gels in the range 145-170 kDa, with some variation in different species.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	50 µl
<b>Antigen:</b>	A recombinant fusion protein containing the extreme C-terminus of rat NF-M expressed in and purified from E. coli.
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	Neurofilament medium polypeptide; NF-M; 160 kDa neurofilament protein; Neurofilament 3; Neurofilament triplet M protein; Nefm; Nef3; Nfm;
<b>Accession:</b>	P12839 NFM_RAT;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB) and Immunocytochemistry (IC). A dilution of 1:10,000 - 1:20,000 is recommended for WB. A dilution of 1:500 - 1:1,000 is recommended for IC. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specifically recognizes the medium neurofilament subunit NF-L in WB. Band appears at ~145 kDa in WB from rodent and ~160 kDa for human and bovine WB.
<b>Antibody Against:</b>	Neurofilament Medium
<b>Cross-reactivity:</b>	Hu, Rat, Ms, Fel, Chk
<b>Form:</b>	Lyophilised
<b>Appearance:</b>	White powder
<b>Reconstitution:</b>	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution of lyophilised antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Section of rat cerebral cortex stained with Rabbit polyclonal antibody to Neurofilament Medium R-1395-50 (red), which reveals the perikarya of pyramidal neurons and dendrites and axons surrounding them. The green channel shows staining with a monoclonal antibody to the beta-adrenergic receptor kinase 1.

FOR RESEARCH USE ONLY