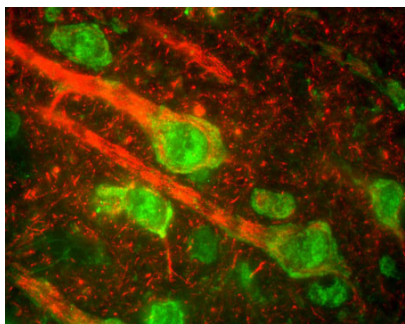




Rabbit polyclonal antibody to Neurofilament Medium: Whole serum

Catalogue No.:	R-1395-50
Description:	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.
Batch No.:	See product label
Unit size:	50 uL
Antigen:	A recombinant fusion protein containing the extreme C-terminus of rat NF-M expressed in and purified from E. coli.
Antibody Type:	Antiserum
Other Names:	Neurofilament medium polypeptide; NF-M; 160 kDa neurofilament protein; Neurofilament 3; Neurofilament triplet M protein; Nefm; Nef3; Nfm;
Accession:	P12839 NFM_RAT;
Produced in:	Rabbit
Applications:	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.
Specificity:	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.
Antibody Against:	Neurofilament Medium
Cross-reactivity:	Hu, Rat, Ms, Fel, Chk
Form:	Lyophilised
Appearance:	White powder
Reconstitution:	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution of lyophilised antibody, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	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