

## Neurofilament NF-M Antibody | anti-NEFM antibody

Neurofilament NF-M

|                              |                                                 |                                                                                |
|------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA76436</b> | REACTIVITY<br><b>Chicken, Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunocytochemistry</b> |
|------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------|

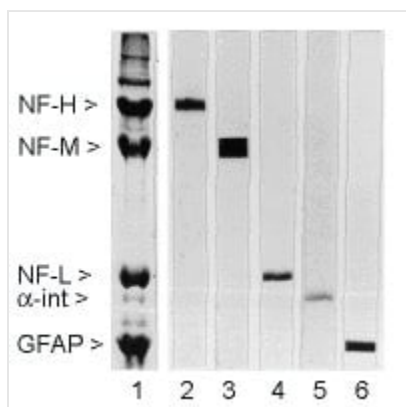
### PRODUCT SYNONYMS

Neurofilament NF-M; anti-NEFM antibody

### PRODUCT SPECIFICATIONS

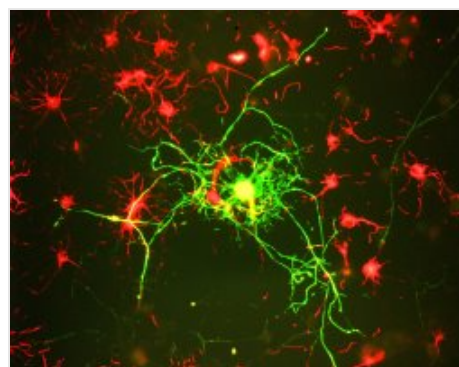
|                                                |                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------|
| Reactivity                                     | Chicken, Human, Mouse, Rat                                               |
| Form/Format                                    | Supernatant - Liquid                                                     |
| Sequence Length                                | 916                                                                      |
| Applicable Applications for anti-NEFM antibody | WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry) |
| Type Info                                      | Mouse IgG                                                                |
| Immunogen                                      | C-terminus of rat NF-M recombinant protein                               |

### IMAGES



#### Application Data

Image: Rat spinal cord homogenate showing the major intermediate filament proteins of the nervous system (lane 1). The remaining lanes show blots of this material stained with various antibodies including NF-M (lane 3).



#### Application Data

Image: Culture of adult neural cells. Mature neurons can be identified by their morphology and because they stain strongly with antibodies to NF-L, NF-M and NF-H. The surrounding stellate red cells are stained with Neurofilament alpha-internexin/NF66. These are apparently mitotic neuronal progenitor cells and express many other neuronal markers.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NEFM antibody | Neurofilaments can be defined as the intermediate or 10nm filaments found in specifically in neuronal cells. In the electron microscope neurofilaments appears as 10nm diameter fibres of indeterminate length which generally have fine wispy protrusions from their sides. They are found particularly abundantly in axons of large projection neurons. Antibodies to the various neurofilament subunits are very useful cell type markers since the proteins are among the most abundant of the nervous system, are expressed only in neurons, and are biochemically very stable. |
| Product Categories/Family for anti-NEFM antibody   | Antibodies; Stem Cell Research Antibodies; Neurofilament NF-M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 157738649                                  |
| NCBI GeneID                      | 4741                                       |
| NCBI Accession #                 | NP_005373.2                                |
| NCBI GenBank Nucleotide #        | NM_005382.2                                |
| Molecular Weight                 | 59,468 Da                                  |
| NCBI Official Full Name          | neurofilament medium polypeptide isoform 1 |
| NCBI Official Synonym Full Names | neurofilament, medium polypeptide          |
| NCBI Official Symbol             | NEFM                                       |
| NCBI Official Synonym Symbols    | NFM; NEF3; NF-M                            |
| NCBI Protein Information         | neurofilament medium polypeptide           |
| UniProt Protein Name             | Neurofilament medium polypeptide           |
| UniProt Gene Name                | <b>NEFM</b>                                |
| UniProt Synonym Gene Names       | NEF3; NFM; NF-M                            |
| UniProt Entry Name               | NFM_HUMAN                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/chicken-human-mouse-rat-antibody/neurofilament-nf-m/76436>