

# Immunotag™ NEFL Antibody

| Antibody Specification |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA6146                                                                                                                                                            |
| Product Description    | Immunotag™ NEFL Antibody                                                                                                                                           |
| Size                   | 100 µg, 200 µg                                                                                                                                                     |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                      |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein         | NEFL                                                                                                                                                               |
| Clonality              | Polyclonal                                                                                                                                                         |
| Storage/Stability      | -20°C/1 year                                                                                                                                                       |
| Application            | WB,IHC,ELISA                                                                                                                                                       |
| Recommended Dilution   | WB 1:500-1:2000 IHC 1:50-1:200                                                                                                                                     |
| Concentration          | 1 mg/ml                                                                                                                                                            |
| Reactive Species       | Human,Mouse,Rat                                                                                                                                                    |
| Host Species           | Rabbit                                                                                                                                                             |
| Immunogen              | A synthesized peptide derived from human NEFL                                                                                                                      |
| Specificity            | NEFL Antibody detects endogenous levels of total NEFL                                                                                                              |
| Purification           | The antiserum was purified by peptide affinity chromatography.                                                                                                     |
| Form                   | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt        |
| Gene Name              | NEFL                                                                                                                                                               |
| Accession No.          | P07196                                                                                                                                                             |

## Antibody Specification

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| Alternate Names           | 150kDa medium; 160 kDa neurofilament protein; 2 kDa neurofilament protein; 200 kDa neurofilament protein; 68 kDa neurofilament protein; AI847934; CMT1F; CMT2CC; CMT2E; FLJ53642; KIAA0845; light molecular weight neurofilament protein; Micro glutamic acid-rich protein; mKIAA0845; Nef3; NEFH; NEFL; NEFM; Neurofilament 3; Neurofilament heavy polypeptide 200kDa; Neurofilament heavy polypeptide; Neurofilament light polypeptide 68kDa; Neurofilament light polypeptide; Neurofilament medium polypeptide 150kDa; Neurofilament medium polypeptide; Neurofilament protein heavy polypeptide; Neurofilament protein light chain; Neurofilament protein light polypeptide; Neurofilament protein medium polypeptide; neurofilament subunit NF-L; Neurofilament triplet H protein; Neurofilament triplet L protein; Neurofilament triplet M protein; neurofilament-3 (150 kD medium); NF-H; NF-L; NF-M; NF160; NF165; NF200; NF68; NFH; NFL; NFM; NFM_HUMAN; PPP1R110; protein phosphatase 1, regulatory subunit 110; |
| Description               | Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protein MW                | 62kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |