Datasheet for ABIN6263586
**anti-NEFL antibody (N-Term)**

**Overview**

<table>
<thead>
<tr>
<th>Quantity:</th>
<th>100 μL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target:</td>
<td>NEFL</td>
</tr>
<tr>
<td>Binding Specificity:</td>
<td>N-Term</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>Human, Rat, Mouse</td>
</tr>
<tr>
<td>Host:</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Clonality:</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Conjugate:</td>
<td>This NEFL antibody is un-conjugated</td>
</tr>
<tr>
<td>Application:</td>
<td>Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunocytochemistry (ICC)</td>
</tr>
</tbody>
</table>

**Product Details**

<table>
<thead>
<tr>
<th>Immunogen:</th>
<th>A synthesized peptide derived from human NEFL, corresponding to a region within N-terminal amino acids.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isotype:</td>
<td>IgG</td>
</tr>
<tr>
<td>Specificity:</td>
<td>NEFL Antibody detects endogenous levels of total NEFL.</td>
</tr>
<tr>
<td>Predicted Reactivity:</td>
<td>Chicken</td>
</tr>
<tr>
<td>Purification:</td>
<td>The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).</td>
</tr>
</tbody>
</table>

**Target Details**

| Target: | NEFL |
Target Details

Alternative Name: NEFL (NEFL Products)

Background: Description: Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.
Gene: NEFL

Molecular Weight: 62kDa
Gene ID: 4747
UniProt: P07196

Application Details


Restrictions: For Research Use only

Handling

Format: Liquid
Concentration: 1 mg/mL
Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative: Sodium azide
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: -20 °C
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date: 12 months
Western Blotting

Image 1. Western blot analysis of extracts of MCF7 using NEFL antibody. The lane on the left is treated with the antigen-specific peptide.

Immunohistochemistry

Image 2. ABIN6276332 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary