# 68kDa Neurofilament Rabbit pAb

**db5228** **Package : 20μL 50μL 100μL**

**Product Name :** 68kDa Neurofilament Rabbit pAb
**Cat.No.:** db5228
**Synonyms :** NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110
**Application :** WB, IHC, IP
**Reactivity :** Human, Mouse, Rat
**Host species :** Rabbit

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| **Background** | Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the light chain neurofilament protein. Mutations in this gene cause Charcot-Marie-Tooth disease types 1F (CMT1F) and 2E (CMT2E), disorders of the peripheral nervous system that are characterized by distinct neuropathies. A pseudogene has been identified on chromosome Y. [provided by RefSeq, Oct 2008] |
| **Immunogen** | Recombinant protein of mouse 68kDa Neurofilament |
| **Gene ID** | 18039 |
| **Swiss Prot** | P08551 |
| **Synonyms** | NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110 |
| **Reactivity** | Human, Mouse, Rat |
| **Application** | WB, IHC, IP |
| **Recommended dilution** | WB: 1:1000<br>IHC: 1:200<br>IP: 1:20 |
| **Calculated MW** | 62 kDa |
| **Observed MW** | 68 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |

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| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |