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# NEFH (N1) Antibody, Rabbit Polyclonal

**Cat#: R2261-2**                                                      **Lot#: Refer to vial**

**Quantity: 100 ul**                                                  **Application: WB**

**Predicted I Observed M.W.: 112 I 200 kDa**          **Uniprot ID: P12036**

## Background:

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. Neurofilament heavy polypeptide (NEFH) is the heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in the NEFH gene.

## Other Names:

Neurofilament heavy polypeptide, NF-H, 200 kDa neurofilament protein, Neurofilament triplet H protein

## Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human NEFH. Antibodies were purified by affinity purification using immunogen.

## Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% $NaN_3$. Store at -20 °C. Stable for 6 months from date of receipt.

## Species Specificity:
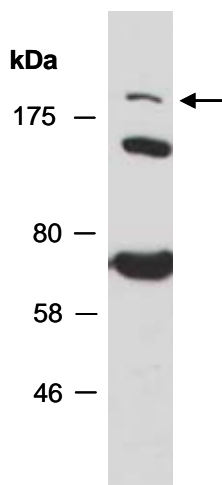
Human

## Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

## Product Data:



***Fig 1.*** *Western blot of total cell extracts from human HeLa; using anti-NEFH (N1) (R2261-2) at RT for 2 h.*