

## NEFH

**Reactivity:** Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:** 112kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human NEFH

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

NFH;

**Catalog #:** A8442

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4744

**Isotype:** IgG

**Swiss Prot:** P12036

**Purity:** Affinity purification

For research use only.

**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. This gene encodes 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 this gene.

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