

## Basic Information

<b>Product Name</b>	Anti-NF-H/NF200/NEFH Antibody		
<b>Gene Name</b>	NEFH		
<b>Source</b>	Rabbit		
<b>Isotype</b>	IgG		
<b>Species Reactivity</b>	human, mouse, rat		
<b>Tested Application</b>	WB, IHC		
<b>Contents</b>	500 ug/ml;Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.		
<b>Immunogen</b>	A synthesized peptide derived from human NEFH		
<b>concentration</b>	500 ug/ml		
<b>Purification</b>	Affinity-chromatography		
<b>Observed MW</b>	117-220KD		
<b>Dilution Ratios</b>	Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC):1:20-100		

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

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.

## Reference

Anti-NF-H/NF200/NEFH Antibody被引用在1文献中。

## Selected Validation Data

Western blot analysis of NEFH expression in human brain lysate.

