

# NEFL Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51382

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P07196</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	61517

## Additional Information

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<b>Gene ID</b>	4747
<b>Other Names</b>	Neurofilament light polypeptide, NF-L, 68 kDa neurofilament protein, Neurofilament triplet L protein, NEFL, NF68, NFL
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	NEFL
<b>Synonyms</b>	NF68, NFL
<b>Function</b>	Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity).
<b>Cellular Location</b>	Cell projection, axon {ECO:0000250 UniProtKB:P08551}. Cytoplasm, cytoskeleton {ECO:0000250 UniProtKB:P08551}

## Background

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

## References

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- Julien J.-P.,et al.Biochim. Biophys. Acta 909:10-20(1987).  
Perez-Olle R.,et al.J. Cell Sci. 115:4937-4946(2002).  
Nusbaum C.,et al.Nature 439:331-335(2006).  
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