

# NeuN Rabbit mAb

Catalog # AP75799

## Product Information

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<b>Application</b>	WB, IHC-P, FC
<b>Primary Accession</b>	<a href="#">A6NFN3</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	33873

## Additional Information

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<b>Gene ID</b>	146713
<b>Other Names</b>	RBFOX3
<b>Dilution</b>	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:50-1:100
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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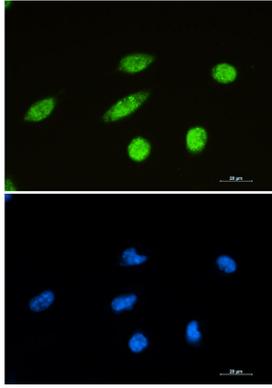
<b>Name</b>	RBFOX3
<b>Function</b>	Pre-mRNA alternative splicing regulator. Regulates alternative splicing of RBFOX2 to enhance the production of mRNA species that are targeted for nonsense-mediated decay (NMD).
<b>Cellular Location</b>	Nucleus. Cytoplasm. Note=Largely restricted to neuronal nuclei. However, significant cytoplasmic localization in neurons from brains from HIV-infected individuals with cognitive impairment

## Background

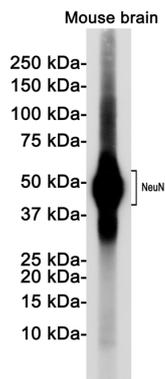
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NeuN, also named as FOX3 and RBFOX3, is neuronal-specific nuclear protein with MW 38-50kd(~48kd). It is one of a family of 3 mammalian Fox homologues. FOX3(Or NeuN) functions in RNA-binding protein that regulates alternative splicing events.

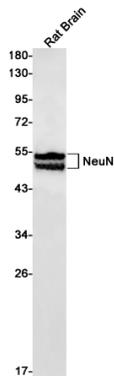
# Images



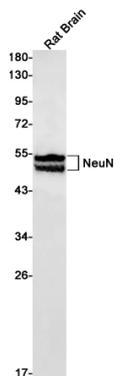
Immunocytochemistry analysis of NeuN (green) in SH-SY5Y using NeuN antibody, and DAPI (blue).



Western blot analysis of NeuN in mouse brain lysates using NeuN antibody.



Western blot analysis of NeuN in rat Brain lysates using NeuN antibody



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