10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NeuN Rabbit mAb

Catalog # AP75799

Product Information

Application	WB, IHC-P, FC
Primary Accession	A6NFN3
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	33873

Additional Information

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

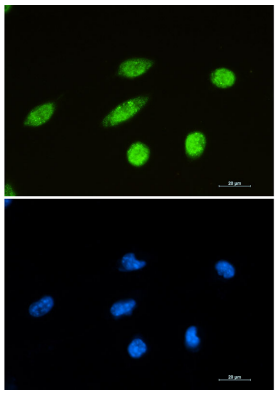
Protein Information

Name	RBFOX3
Function	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).
Cellular Location	Nucleus. Cytoplasm. Note=Largely restricted to neuronal nuclei. However, significant cytoplasmic localization in neurons from brains from HIV-infected individuals with cognitive impairment

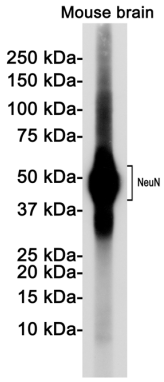
Background

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.

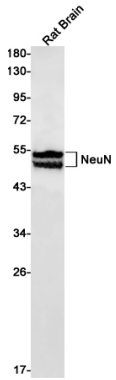
Images



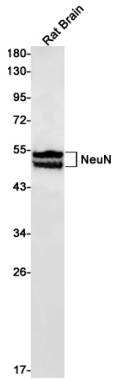
Immunocytochemistry analysis of NeuN (green) in SH-SY5Y using NeuN antibody,and DAPI(blue).



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



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



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.