

Anti-NeuN Antibody

Catalog # AP96036

Product Information

Application	WB, FC, IF/IC
Primary Accession	A6NFN3
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	33873

Additional Information

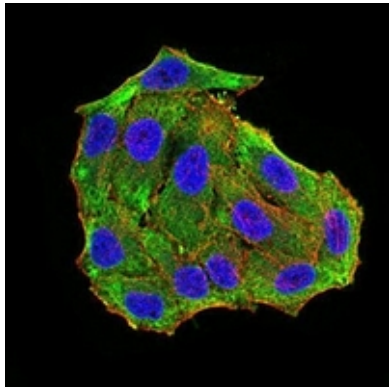
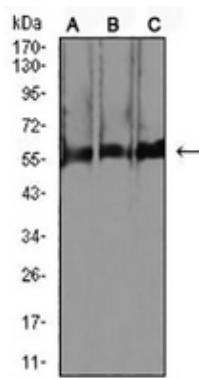
Gene ID	146713
Other Names	RNA binding protein fox-1 homolog 3; Fox-1 homolog C
Target/Specificity	Recombinant fusion protein of human NeuN expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

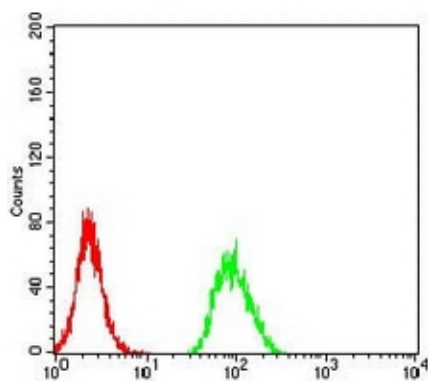
Name	RBFOX3
Function	Pre-mRNA alternative splicing regulator. Regulates alternative splicing of RBFOX2 to enhance the production of mRNA species that are targeted for nonsense-mediated decay (NMD).
Cellular Location	Nucleus. Cytoplasm. Note=Largely restricted to neuronal nuclei. However, significant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

Images

Western blot analysis of NeuN expression in C2C12 (A), RAW264.7 (B), U251 (C) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 55 kD)



Immunofluorescent analysis of NeuN staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of HeLa cells using Anti-NeuN Antibody (green) and negative control (red).

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