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

NeuN Antibody

Rabbit mAb
Catalog # AP90518

Product Information

Application	WB, IHC-P, IHC-F, IF, FC, ICC, IHF
Primary Accession	A6NFN3
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Other Names	FLJ56884; FLJ58356; FOX3; HRNBP3;RBFOX3;NEUN; FOX-3;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	33873

Additional Information

Dilution	WB 1:1000~1:2000 IHC 1:500~1:2000 ICC/IF 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human NeuN
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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 human fetal brain lysate.

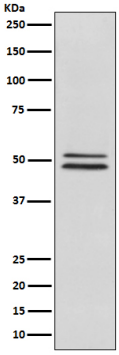


Image not found : 202311/AP90518-IHC.jpg	Immunohistochemical analysis of paraffin-embedded mouse brain, using NeuN Antibody.
Image not found : 202311/AP90518-IF.jpg	Immunofluorescent analysis of SH-SY5Y cells, using NeuN Antibody .

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