# antibodies -online.com





# anti-NeuN antibody (AA 51-150) (Cy7)



# Publication



Go to Product page

( )	11/0	r\ /1	$\triangle 1 $
	$\lor \lor \vdash$	$I \vee I$	ew

Quantity:	100 μL
Target:	NeuN (RBFOX3)
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NeuN antibody is conjugated to Cy7
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human NeuN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Predicted Reactivity:	Dog,Cow,Horse
Purification:	Purified by Protein A.

## **Target Details**

Target:	NeuN (RBFOX3)
Alternative Name:	Fox3/Neun (RBFOX3 Products)

## **Target Details**

Synonyms: FOX3, NEUN, FOX-3, HRNBP3, RNA binding protein fox-1 homolog 3, Fox-1 homolog
C, RBFOX3
Background: Vertebrate neuron-specific nuclear protein called NeuN (Neuronal Nuclei) is an
excellent marker for neurons in primary cultures and in retinoic acid-stimulated P19 cells. It is
also useful for identifying neurons in transplants. NeuN is a neuron-specific, DNA-binding
nuclear protein in vertebrates. In mice, NeuN is observed in most neuronal cell types throughout
the nervous system, including cerebellum, cerebral cortex, hippocampus, thalamus and spinal
cord, as well as the dorsal root ganglia, sympathetic chain ganglia and enteric ganglia of the
peripheral nervous system. NeuN immunoreactivity is first observed in neurons when they
become post-mitotic and are initiating cellular and morphological differentiation. No staining is
observed in proliferative zones. NeuN has been used as an immunohistochemical marker for
excitotoxic lesions of the brain as well as in the diagnosis of a wide range of human tissue
specimens from the central and peripheral nervous systems.
146713
A6NFN3
FCM 1:20-100
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
For Research Use only
Liquid
1 μg/μL
Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
ProClin
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

-20 °C

Storage:

## Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Ridder, Sevko, Heide, Dams, Rupp, Macas, Starmann, Tjwa, Plate, Sültmann, Altevogt, Umansky,
	Momma: "Extracellular vesicle-mediated transfer of functional RNA in the tumor
	microenvironment." in: <b>Oncoimmunology</b> , Vol. 4, Issue 6, pp. e1008371, (2015) (PubMed).