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Datasheet for ABIN953655 anti-NeuN antibody

2 Images



## Overview

Quantity:	0.1 mg
Target:	NeuN (RBFOX3)
Reactivity:	Human, Mouse
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This NeuN antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	Synthetic peptide KLH conjugated corresponding to the Fox-3 gene product (also known as the
	Neu-N antigen), but was shared between the Human (NP_001076044) and Mouse
	(NP_001020102) sequences. Production: After repeated injections into the hens, immune eggs
	were collected, and the IgY fractions were purified from the yolks. These IgY fractions were
	then affinity-purified using a peptide column, the concentrations of the eluate adjusted to 0.1
	mg/ml, and the preparation filter-sterilized
lsotype:	Ig Fraction
Specificity:	Recognizes Neu-N antigen (also known as Fox-3).
Purification:	Affinity Chromatography using a peptide column.
Target Details	
Target:	NeuN (RBFOX3)

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Target Details	
Alternative Name:	RBFOX3 (RBFOX3 Products)
Background:	Human Neu-N (Fox3) is a 33,873 dalton (312 amino acid) RNA-binding protein. This protein is found in the nuclei of virtually all post-mitotic central and peripheral neurons, and has been used extensively as a general neuronal marker. In these studies, Neu-N (Fox 3) stains neuronal nuclei relatively uniformly, except in the region of the nucleolus, providing a distinctive donut (i.e., torus) shape. Since this antigen is not seen in the cytoplasm, it offers the advantage of being useful in co-immunostaining studies with rabbit and Mouse antibodies against various cytoplasmic neuronal antigens.Synonyms: FOX3, Fox-1 homolog C, NeuN, RNA binding protein fox-1 homolog 3
Gene ID:	146713
NCBI Accession:	NP_001076044
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Concentration:	0.1 mg/mL
Buffer:	10 mM PBS, pH 7.2 containing 50 % Glycerol and 0.02 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted in the dark at 2-8 °C.

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## Immunofluorescence

**Image 1.** CA1 region of a transgenic Mouse expressing the eGFP gene product under control of the Thy-1 promoter. Green is eGFP autofluorescence. Red is Cy-3 secondary antibody labeling Chicken anti-Neu-N (Fox-3) positive neuronal nuclei. *Picture courtesy of Dr. Felix Eckenstein, University of Vermont.* 

## Immunofluorescence

Image 2.

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