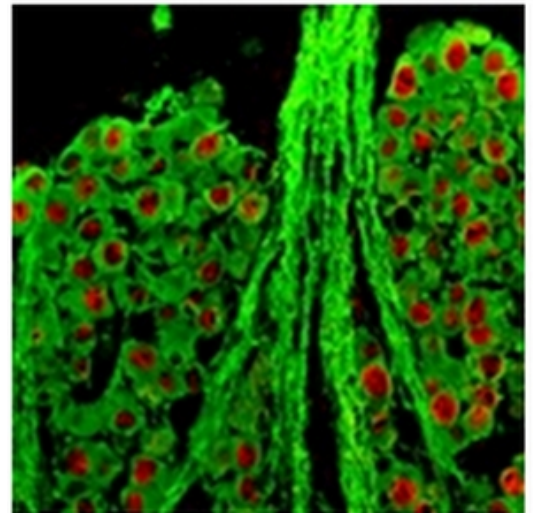


AP31812PU-N**Polyclonal Antibody to RBFOX3 / NeuN - Aff - Purified**

Alternate names:	FOX3, Fox-1 homolog C, RNA binding protein fox-1 homolog 3
Quantity:	0.1 mg
Concentration:	0.1 mg/ml (based on Bradford assay readings using BSA as a standard).
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.
Uniprot ID:	A6NFN3
NCBI:	NP_001076044
GeneID:	146713
Host / Isotype:	Chicken / Ig
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
Format:	State: Liquid purified (filter sterilized) IgY fraction. Purification: Affinity Chromatography using a peptide column. Buffer System: 10mM PBS, pH 7.2 containing 0.02% Sodium Azide as preservative.
Applications:	Immunocytochemistry. Immunohistochemistry. <i>Recommended Dilutions:</i> 1/1000-1/2000 for Immunohistochemistry and Immunocytochemistry using 2% paraformaldehyde-fixed tissues or cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Neu-N antigen (also known as Fox-3). Species: Human, Mouse. Other species not tested.
Storage:	Store the antibody undiluted in the dark at 2-8°C. Shelf life: one year from despatch.

Pictures:



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.*

