

Anti-Neuronal nuclei antigen NeuN/FOX3 Antibody



Product Details

Available Variants	100 µg (SKU:R-3771-100)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	Affinity-purified
Physical State	Lyophilized
Buffer	Lyophilized from PBS buffer pH 7.2-7.6 with 0.1% trehalose, and sodium azide
Applications	ICC, IF, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 IHC: 1:5000-1:10000 ICC: 1:5000-1:10000
Species Reactivity	Human, Mouse, Rat
Immunogen	The antibody has been made against a peptide corresponding to N-terminal sequence (amino acids 5-24) of human FOX3 coupled to keyhole limpet hemocyanin (KLH).
Specificity	Species cross-reactivity includes human, rat, and mouse.
Storage	Spin vial briefly before opening. Reconstitute with 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. Store lyophilized antibody at 2-8°C After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles. Store at 4°C for up to one month for short term storage and frequent use.
UniProt ID	<u>A6NFN3</u>
Country of Origin	United States
Shipping	25°C (ambient)

Expiration	Store at 2-8°C for up to 3 months. For longer storage, aliquot and store at -20°C for up to 12 months.
Usage Statement	For research use only.

Product Images

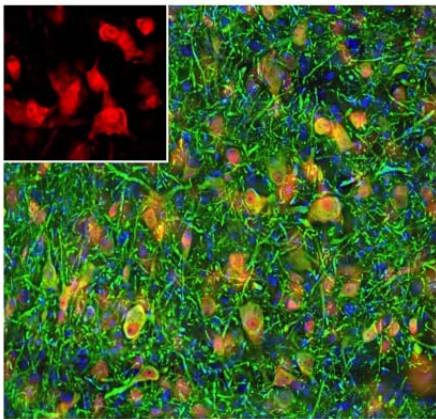
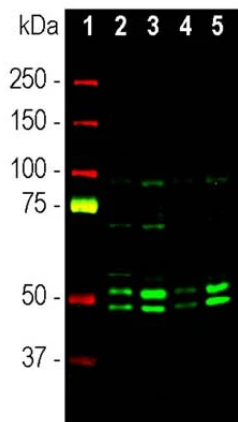


Image of a rat brain section by **Immunofluorescence and Immunohistochemistry**. The section was stained with R-3771-50, Neuronal nuclei antigen [NeuN] /RNA binding protein fox-1 homolog 3 [FOX3], (NeuN/FOX3), Rabbit pAb, (red, 1:2,000), and co-stained with product C-1382-50, Microtubule associated protein (MAP2), Chicken pAb, (green, 1:5,000). Product R-3771-100 selectively stains nuclei and cytoplasm of neuronal cells, while product C-1382-50 labels dendrites and overlaps with Fox3/NeuN staining in the perikarya of neurons. Method: following transcardial perfusion with 4% paraformaldehyde, the brain was post fixed for 24 hours, cut to 45 um sections, and free-floating sections were stained with the two antibodies.



Analysis by **western blot** of NeuN/FOX3 expression in whole brain lysates, cytosolic (cyt) and nuclear enriched (nuc) with R-3771-100, Neuronal nuclei antigen [NeuN] /RNA binding protein fox-1 homolog 3 [FOX3], (NeuN/FOX3), Rabbit pAb, (green, 1:1,000) with two bands at approx 46kDa and 48kDa corresponding to the two alternate transcripts of the of NeuN/FOX3 protein. Lane 1: protein standard (red); Lane 2: rat cyt; Lane 3:rat nuc; Lane 4:mouse cyt; Lane 5: mouse nuc lysate. Blot performed under non-reducing conditions.

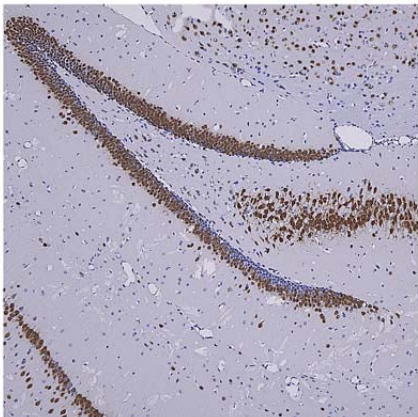


Image of formalin-fixed paraffin-embedded mouse hippocampus section by **Immunohistochemistry**. The section was stained with R-3771-100, Neuronal nuclei antigen [NeuN] /RNA binding protein fox-1 homolog 3 [FOX3], (NeuN/FOX3), Rabbit pAb, (brown, 1:4,000). Product R-3771-100 selectively stains the nuclei and distal perikarya of most neuronal cell populations.

Product Page URL: www.antibodiesinc.com/products/anti-neuronal-nuclei-antigen-neun-fox3-antibody-r-3771-100



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