

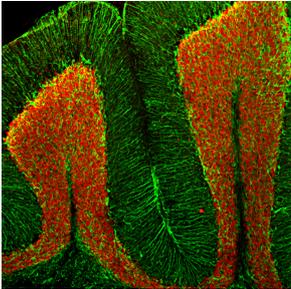
Anti-FOX3 Antibody (A85403)

Specifications:

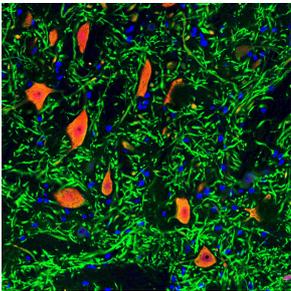
Name:	Anti-FOX3 Antibody
Description:	Rabbit polyclonal antibody to FOX3.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:500-1:1,000, ICC/IF: 1:5,000-1:10,000, IHC: 1:5,000-1:10,000
Reactivity:	Human, Rat, Mouse
Immunogen:	Recombinant fragment corresponding to amino acids 5-24 of human FOX3, coupled to KLH
Sequence:	YPPAQYPPPPQNGIPAEYAP
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	46 kDa, 48 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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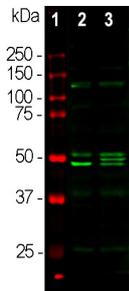
Images:



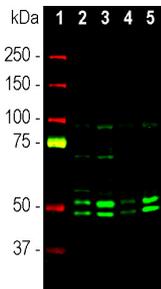
Immunofluorescent analysis of a section of adult mouse cerebellum stained with Anti-Fox3/NeuN Antibody (1:5,000 | red) and Anti-GFAP Antibody (A85307 | 1:5,000 | green). Following transcardial perfusion of mouse with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 μ M, and free-floating sections were stained with the above antibodies. The Anti-FOX3/NeuN Antibody stains the nuclei of neurons in the cerebellar granule layer. The Anti-GFAP Antibody stains the processes of Bergmann glia in the molecular layer and astroglia in the granule and white matter layers.



Paraformaldehyde fixed frozen section of adult rat brain stem stained with Anti-Fox3/NeuN Antibody (red) and Anti-MAP2 Antibody (A85296 | green). DNA is shown in blue. Note, that the Anti-Fox3/NeuN Antibody stains neuronal nuclei and distal perikarya and that the Anti-MAP2 Antibody stains the dendrites extending from these cells. Anti-Fox3/NeuN Antibody stains exactly like the original NeuN monoclonal antibody. These antibodies do not bind to the nuclei of perikarya of any non-neuronal cells, so that they can be used to identify and quantify neurons.



Western blot analysis of whole brain lysates using Anti-Fox3/NeuN Antibody (1:1,000 | green): [1] protein standard (red), [2] mouse brain, [3] rat brain. Bands at about 48 kDa correspond to protein isoforms of Fox3/NeuN.



Western blot analysis of cytosolic (cyt) and nuclear enriched (nuc) fractions of whole brain lysates using Anti-Fox3 Antibody (A85403), at a dilution of 1:1,000, in green. The lanes contain samples of: [1] Protein standards, in red, [2] rat cyt, [3] rat nuc, [4] mouse cyt, and [5] mouse nuc lysate. Two bands of 46 and 48kDa correspond to the two alternate transcripts of the Fox3 protein. Western blot was performed under non-reducing conditions.