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34-1036: Polyclonal Antibody to Fox3/NeuN

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	RBFOX3
Gene ID :	146713
Uniprot ID :	A6NFN3
Format :	Sera
Alternative Name :	Fox-1 homolog C,NeuN antigen,Neuronal nuclei antigen
Isotype :	Rabbit, IgG
Immunogen Information :	N-terminal 100 amino acids of human Fox3 expressed in and purified from E. coli

Product Info

Amount :	50 µl / 100 µl
Content :	Antibody is supplied as an aliquot of serum
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 1:500-1:1000. IF/IHC 1:5,000-1:10,000

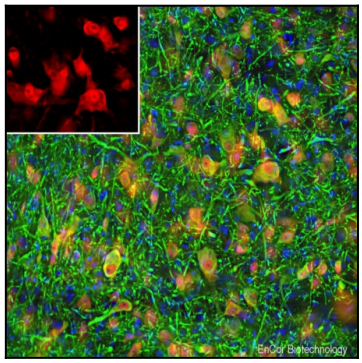

Figure-1: Immunofluorescent analysis of a rat brain section stained with rabbit pAb to FOX3/NeuN protein,(34-1036), dilution 1:2,000 in red, and costained with chicken pAb to microtubule associated protein 2 (MAP2),(34-1064), dilution 1:5,000 in green. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45Î¼m, and free-floating sections were stained with the above antibodies. The FOX3/NeuN antibody selectively stains nuclei and cytoplasm of neuronal cells, while the MAP2 antibody labels dendrites and overlaps with Fox3/NeuN staining in neuronal perikarya.

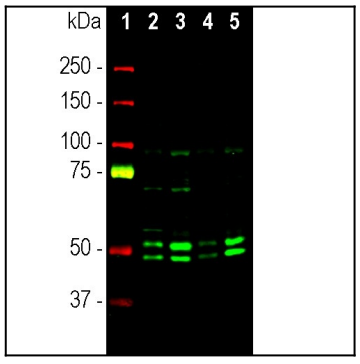

Figure-2: Western blot analysis of cytosolic (cyt) and nuclear enriched (nuc) fractions of whole brain lysates using rabbit pAb to FOX3/NeuN N-terminal peptide,(34-1036), dilution 1:1,000 in green: [1] protein molecular weight standard (red), [2] rat cyt, [3] rat nuc, [4] mouse cyt, and [5] mouse nuc lysate. Two bands of 46 and 48kDa correspond to the two alternate transcripts of the FOX3/NeuN protein. Western blot was performed under non reducing conditions.