

FOX3 NeuN Antibody FITC Conjugated

Catalog No: #C03561F

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Description

Product Name	FOX3 NeuN Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 70-120 312 derived from human NeuN
Conjugates	FITC
Target Name	FOX3 NeuN
Other Names	FOX3; NEUN; FOX-3; HRNBP3; RNA binding protein fox-1 homolog 3; Fox-1 homolog C; RBFOX3
Accession No.	Swiss-Prot#A6NFN3NCBI Gene ID146713
Uniprot	A6NFN3
GeneID	146713;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Vertebrate neuron-specific nuclear protein called NeuN (Neuronal Nuclei) is an excellent marker for neurons in primary cultures and in retinoic acid-stimulated P19 cells. It is also useful for identifying neurons in transplants. NeuN is a neuron-specific, DNA-binding nuclear protein in vertebrates. In mice, NeuN is observed in most neuronal cell types throughout the nervous system, including cerebellum, cerebral cortex, hippocampus, thalamus and spinal cord, as well as the dorsal root ganglia, sympathetic chain ganglia and enteric ganglia of the peripheral nervous system. NeuN immunoreactivity is first observed in neurons when they become post-mitotic and are initiating cellular and morphological differentiation. No staining is observed in proliferative zones. NeuN has been used as an immunohistochemical marker for excitotoxic lesions of the brain as well as in the diagnosis of a wide range of human tissue specimens from the central and peripheral nervous systems.

Note: This product is for in vitro research use only