Datasheet for ABIN6944257

anti-NeuN antibody

Go to Product page

Overview

Quantity:	100 µL
Target:	NeuN (RBFOX3)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human NeuN between 1-100 amino acids
Clone:	12C3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	NeuN (RBFOX3)
Alternative Name:	NeuN (RBFOX3 Products)
Background:	Synonyms: RNA binding protein fox-1 homolog 3, Fox-1 homolog C, RBFOX3 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

Target Details

	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.
Gene ID:	146713
UniProt:	A6NFN3

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months