

Datasheet for ABIN479512 **anti-NeuN antibody (Biotin)**

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Overview

Quantity:	500 µg
Target:	NeuN (RBFOX3)
Reactivity:	Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NeuN antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Purified cell nuclei from mouse brain. Type of Immunogen: Purified protein
Clone:	A60
Isotype:	IgG1
Specificity:	Reacts with most neuronal cell types throughout the nervous system of mice including cerebellum, cerebral cortex, hippocampus, thalamus, spinal cord and neurons in the peripheral nervous system including dorsal root ganglia, sympathetic chain ganglia and enteric ganglia. Immunohistochemical staining is primarily in the nucleus of the neurons with lighter staining in the cytoplasm. The few cell types not reactive include Purkinje, mitral and photoreceptor cells. Species cross-reactivity: Rat. It is expected that it will also react with human, ferret, chick and salamander.

Product Details

Purification: Protein A purified

Target Details

Target: NeuN (RBFOX3)

Alternative Name: NeuN ([RBFOX3 Products](#))

Background: Name/Gene ID: NeuN

Synonyms: NeuN

Application Details

Application Notes: Approved: ICC (1:10 - 1:500), IHC, IHC-P, WB

Usage: Suitable for use in Immunohistochemistry, Western Blot and Immunocytochemistry.
Immunohistochemistry: 1:100-1:2000, Works best on polyester wax embedded tissue but also works on paraffin embedded tissue at a lower working dilution. Works well with formaldehyde-based fixatives. Citric acid and microwave pretreatment has been used successfully. Staining is primarily in the nucleus of the neurons with lighter staining in the cytoplasm. Developmentally, immunoreactivity is first observed shortly after neurons have become postmitotic, no staining has been observed in proliferative zones. Western Blot: Recognizes 2-3 bands in the 46-48kD range and possibly another band at ~66kD. Immunocytochemistry: 1:10-1:500 dilution with buffer without excess protein blocks or detergents. Neurons in culture should be permeabilized with 0.1 % triton X-100. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.

Comment: Target Species of Antibody: Mouse

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.1, 0.09 % sodium azide, 15 mg/mL BSA.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.