

Datasheet for ABIN6656067
anti-NeuN antibody (N-Term)



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1 Publication

Overview

Quantity:	100 µL
Target:	NeuN (RBFOX3)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NeuN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Fluorescence Microscopy (FM)

Product Details

Purpose:	FOX3 (NeuN) Antibody
Immunogen:	Anti-FOX3 Antibody was produced in mice by repeated immunizations with a recombinant protein taken from the N-terminus of human FOX3 expressed in and purified from E. Coli.
Clone:	1B7
Isotype:	IgG2a
Purification:	Anti-FOX3 Antibody was purified from tissue culture supernatant by protein G chromatography.
Sterility:	Sterile filtered

Target Details

Target:	NeuN (RBFOX3)
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Target Details

Alternative Name:	FOX3 (NeuN) (RBFox3 Products)
Background:	Synonyms: RNA binding protein fox-1 homolog 3, Fox-1 homolog C, NeuN, hexaribonucleotide binding protein 3 Background: FOX3, also known as NeuN and hexaribonucleotide binding protein 3, is a neuron-specific RNA binding nuclear protein involved in the regulation of pre-mRNA alternative splicing. FOX3 dependent alternative splicing of Numb has recently been shown to play an important role in the progression of neuronal differentiation during vertebrate development. FOX3 Antibody is ideal for researchers interested in neuroscience research. Gene Name: RBFox3
Gene ID:	146713
NCBI Accession:	NP_001076044
UniProt:	A6NFN3

Application Details

Application Notes:	ELISA_Dilution: 1:20,000 Immunohistochemistry_Dilution: 1:200-1:1000 IF_Microscopy_Dilution: 1:500 Western_Blot_Dilution: 1:2000 Other: ICC: 1:200-1:1000
Comment:	Suggested Applications: Other Anti-FOX3 Antibody is tested for Western Blot, immunohistochemistry, and immunocytochemistry, and it is specific for the ~46/48 kDa FOX3 protein doublet. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol Preservative: 0.01 % (w/v) Sodium Azide
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.

Storage: -20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage upon thawing. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.

Expiry Date: 12 months

Publications

Product cited in: Zhou, Wang, Zha: "RNA-Seq analysis of knocking out the neuroprotective proton-sensitive GPR68 on basal and acute ischemia-induced transcriptome changes and signaling in mouse brain." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 35, Issue 4, pp. e21461, (2021) ([PubMed](#)).