

**ARG67025**  
**anti-FOX3 / NeuN antibody [SQab30325]**Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant rabbit Monoclonal antibody [SQab30325] FOX3 / NeuN
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab30325
Isotype	IgG
Target Name	FOX3 / NeuN
Species	Human
Immunogen	Synthetic peptide of Human NeuN
Conjugation	Un-conjugated
Alternate Names	RBF0X3, RNA Binding Fox-1 Homolog 3, HRNBP3, FOX-3, Hexaribonucleotide Binding Protein 3, RNA Binding Protein, Fox-1 Homolog 3, RNA Binding Protein Fox-1 Homolog 3, Neuronal Nuclei Antigen, Fox-1 Homolog C, NeuN Antigen, NeuN, RNA Binding Protein, Fox-1 Homolog (C. Elegans) 3, Neuronal Nuclei, FOX3, NEUN

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human brain tissue	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05%BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05%BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

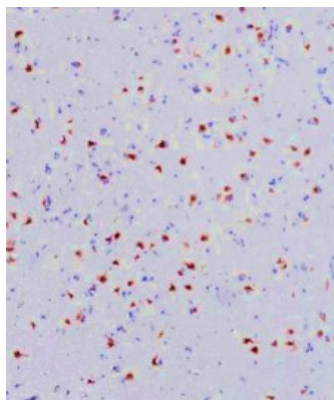
## Bioinformation

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Gene Symbol	RBFOX3
Gene Full Name	RNA Binding Fox-1 Homolog 3
Background	This gene encodes a member of the RNA-binding FOX protein family which is involved in the regulation of alternative splicing of pre-mRNA. The protein has an N-terminal proline-rich region, an RNA recognition motif (RRM) domain, and a C-terminal alanine-rich region. This gene produces the neuronal nuclei (NeuN) antigen that has been widely used as a marker for post-mitotic neurons. This gene has its highest expression in the central nervous system and plays a prominent role in neural tissue development and regulation of adult brain function. Mutations in this gene have been associated with numerous neurological disorders. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2017]
Function	Pre-mRNA alternative splicing regulator. Regulates alternative splicing of RBFOX2 to enhance the production of mRNA species that are targeted for nonsense-mediated decay (NMD). [UniProt]
Calculated Mw	34 kDa
PTM	Methylation [UniProt]
Cellular Localization	Cytoplasm, Nucleus

## Images

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ARG67025 anti-NeuN antibody [SQab30325] IHC-P image.

Immunohistochemistry: Formalin-fixed and paraffin-embedded human brain tissue stained with ARG67025 anti-NeuN antibody [SQab30325].

Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0.