RBFOX3 Antibody

PACO18292

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, IHC:1:15-1:50

Protein Background:

Immunoprecipitation and mass spectrometry of the two major NeuN species at 45–50 kDa identified both as the RNA binding protein Rbfox3 (a member of the Fox family of alternative splicing factors), confirming and extending the identification of the 45 kDa band as Rbfox3. Mapping of the anti-NeuN reactive epitopes in both R3hdm2 and Rbfox3 reveals a common proline- and glutamine-rich domain that lies at the N-terminus of the Rbfox3 protein. Nuclear Rbfox3 isoforms can also enhance the inclusion of cryptic exons in the Rbfox2 mRNA, resulting in nonsense-mediated decay of the message, thereby contributing to the negative regulation of Rbfox2 by Rbfox3 through a novel mechanism.

Gene ID:

RBFOX3

Uniprot

A6NFN3

Synonyms:

RNA binding protein, fox-1 homolog (C. elegans) 3

Immunogen:

Synthetic peptide of human RBFOX3.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

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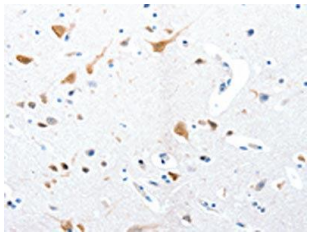
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO18292(RBFOX3 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).