RBFOX3 Polyclonal Antibody

Catalog Number:E-AB-70267 1 Publications

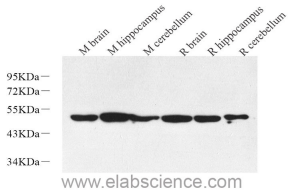
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

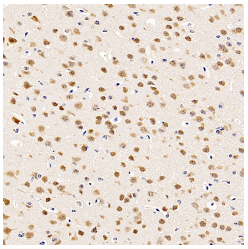
Reactivity	Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to NeuN
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:300-1:800

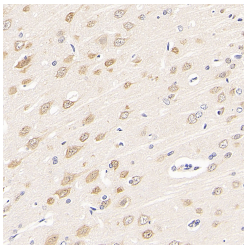
Data



Western Blot analysis of various samples using RBFOX3 Polyclonal Antibody at dilution of 1:1000.
Observed Mw:46-48kDa
Calculated Mw:46-48kDa



Immunohistochemistry analysis of paraffin-embedded mouse brain using RBFOX3 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded rat brain using RBFOX3 Polyclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

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

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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.