

Datasheet for ABIN7249822

anti-NeuN antibody

3 Images

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Overview

| | |
|--------------|---|
| Quantity: | 200 µL |
| Target: | NeuN (RBFOX3) |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NeuN antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|------------------|--|
| Immunogen: | KLH conjugated Synthetic peptide corresponding to NeuN |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | NeuN (RBFOX3) |
| Alternative Name: | RBFOX3 (RBFOX3 Products) |
| Background: | <p>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.</p> <p>Mapping of the anti-NeuN reactive epitopes in both R3hdm2 and Rbfox3 reveals a common</p> |

Target Details

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.

Molecular Weight: Observed_MW: 46-48 kDa
Calculated_MW: 46-48 kDa

UniProt: [Q8BIF2](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:300-1:800

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4

Preservative: Sodium azide

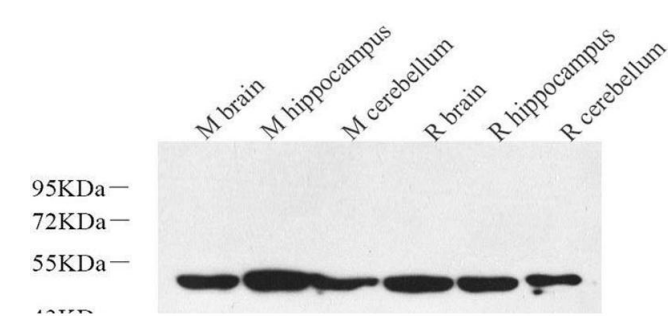
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

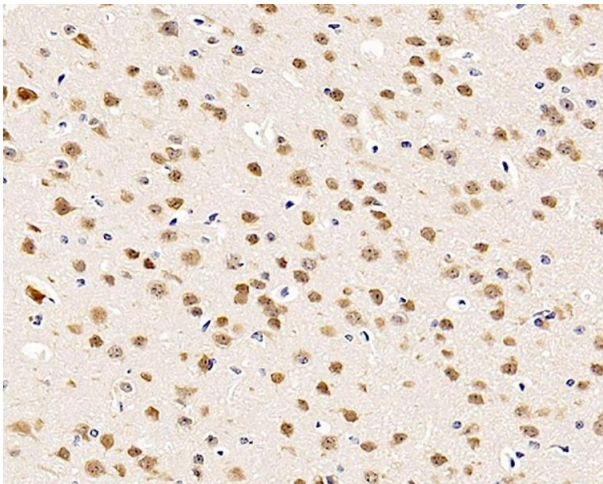
Western Blotting

Image 1. Western Blot analysis of various samples using RBFOX3 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffin-embedded mouse brain using RBFOX3 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis of paraffin-embedded rat brain using RBFOX3 Polyclonal Antibody at dilution of 1:300.

