

# RBFOX3 Polyclonal Antibody

Catalog Number: E-AB-12595



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

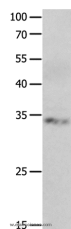
## Description

<b>Reactivity</b>	Human ,Mouse
<b>Immunogen</b>	Synthetic peptide of human RBFOX3
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

## Applications Recommended Dilution

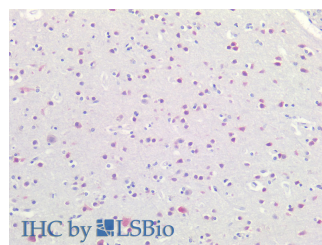
<b>WB</b>	1:200-1:1000
<b>IHC</b>	1:50-200

## Data



Western Blot analysis of Jurkat cell using RBFOX3 Polyclonal Antibody at dilution of 1:550

**Observed Mw: Refer to figures**  
**Calculated Mw: 34kDa**



Immunohistochemistry of paraffin-embedded Human Brain using RBFOX3 Polyclonal Antibody at dilution of 1:100 (Elabscience® Product Detected by Lifespan).

## Preparation & Storage

**Storage** Store at -20°C. 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 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.

## For Research Use Only

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