

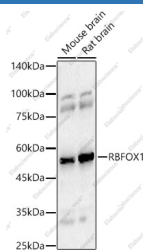
RBFOX1 Polyclonal Antibody

catalog number: E-AB-92804

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

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human RBFOX1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:100-1:200

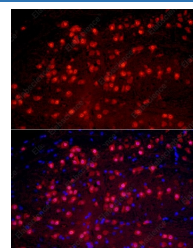
Data



Western blot analysis of various lysates using RBFOX1 Polyclonal Antibody at 1:500 dilution.

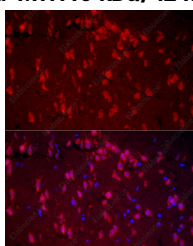
Observed-MW:45-50 kDa

Calculated-MW:40 kDa/42 kDa/44 kDa



Immunofluorescence analysis of mouse brain cells using RBFOX1 Polyclonal Antibody at dilution of 1:50 (40x lens).

Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain cells using RBFOX1 Polyclonal Antibody at dilution of 1:50 (40x lens).

Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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Rev. V1.8

The Fox-1 family of RNA-binding proteins is evolutionarily conserved, and regulates tissue-specific alternative splicing in metazoa. Fox-1 recognizes a (U)GCAUG stretch in regulated exons or in flanking introns. The protein binds to the C-terminus of ataxin-2 and may contribute to the restricted pathology of spinocerebellar ataxia type 2 (SCA2). Ataxin-2 is the product of the SCA2 gene which causes familial neurodegenerative diseases. Fox-1 and ataxin-2 are both localized in the trans-Golgi network. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.