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RBFOX1

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:43kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human RBFOX1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

2BP1; FOX1; A2BP1; FOX-1; HRNBP1;

Catalog #:A7811

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:54715

Isotype: IgG

Swiss Prot:Q9NWB1

Purity: Affinity purification

For research use only.

Background:

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.

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