Product datasheet

# Anti-A2BP1/RBFOX1 Antibody

**Catalog Number: *A04462-1***

BOSTER
antibody and ELISA experts
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## Basic Information

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|---|---|
| **Product Name** | Anti-A2BP1/RBFOX1 Antibody |
| **Gene Name** | RBFOX1 |
| **Source** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Species Reactivity** | human, mouse |
| **Tested Application** | WB, IHC, IF, IP, ELISA |
| **Contents** | 500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol. |
| **Immunogen** | E.coli-derived human A2BP1/RBFOX1 recombinant protein (Position: A3-P126). |
| **Concentration** | 500 ug/ml |
| **Purification** | Immunogen affinity purified. |
| **Observed MW** | 45-70 kDa |
| **Dilution Ratios** | Western blot (WB): 1:500-2000<br>Immunohistochemistry (IHC): 1:50-400<br>Immunofluorescence (IF): 1:50-400<br>ImmunoPrecipitation (IP): 1:250-300<br>Enzyme linked immunosorbent assay (ELISA): 1:100-1000<br>(Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user. |

## Storage

12 months from date of receipt, -20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

## Background Information

A2BP1, also named as FOX1 and HRNBP1, contains one RRM (RNA recognition motif) domain. A2BP1 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. A2BP1 and ataxin-2 are both localized in the trans-Golgi network. This is a rabbit polyclonal antibody raised against the N terminus of human A2BP1.A2BP1 has two mouse isoforms

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(A2BP1-A016 and -A030) exogenously expressed in COS7 cells showed a molecular mass of 65 kDa, although the calculated molecular masses of A016 and A030 are 40 and 42 kDa, respectively in the course of cell biological study.

## Selected Validation Data

暂无图片