

## Basic Information

|                    |   |
|--------------------|---|
| Product Name       | Anti-A2BP1/RBFOX1 Antibody (Clone#OTI1F2)   |
| Gene Name          | RBFOX1  |
| Source             | Mouse   |
| Clonality          | Monoclonal  |
| Isotype            | IgG1  |
| Species Reactivity | human, mouse, rat   |
| Tested Application | WB  |
| Contents           | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Immunogen          | Human recombinant protein fragment corresponding to amino acids 1-210 of human RBFOX1 (NP_061193) produced in E.coli. |
| Concentration      | 500 ug/ml   |
| Purification       | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)             |
| Dilution Ratios    | Western blot (WB):1:2000  |

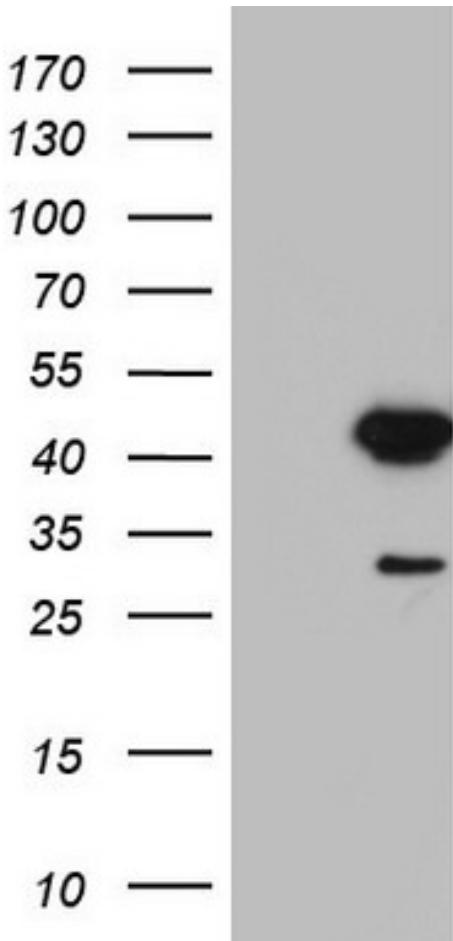
## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

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. [provided by RefSeq, Nov 2011]

## Selected Validation Data



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RBFOX1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RBFOX1.