

## Anti-FOX1 Antibody

Our Anti-FOX1 primary antibody from PhosphoSolutions is mouse monoclonal. It detects bovine, human,  
Catalog # AN1386

### Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC, ICC           |
| <b>Primary Accession</b> | <a href="#">Q9NWB1</a> |
| <b>Host</b>              | Mouse                  |
| <b>Clonality</b>         | Monoclonal             |
| <b>Isotype</b>           | IgG1                   |
| <b>Clone Names</b>       | 1G10                   |
| <b>Calculated MW</b>     | 42784                  |

### Additional Information

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| <b>Gene ID</b>            | 54715                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Other Names</b>        | 2BP1 antibody, A2 BP1 antibody, A2BP 1 antibody, A2BP antibody, A2BP1 antibody, Ataxin 2 binding protein 1 antibody, Ataxin-2-binding protein 1 antibody, Ataxin2 binding protein 1 antibody, FOX1 antibody, Fox-1 homolog A antibody, fox-1-like RNA-binding protein 1 antibody, Hexaribonucleotide binding protein 1 antibody, Hexaribonucleotide-binding protein 1 antibody, HRNBP 1 antibody, HRNBP1 antibody, RBFox1 antibody, RFOX1_HUMAN antibody, RNA binding protein fox-1 homolog 1 antibody, RNA binding protein fox-1 homolog 1 C. elegans, homolog of 1 antibody, RNA binding protein fox-1 homolog (C. elegans) 1 antibody |
| <b>Target/Specificity</b> | FOX1, also known as ataxin-2 binding protein 1 (A2BP1), is a neuron specific RNA-binding protein that has been shown to regulate a wide range of alternative splicing events implicated in neuronal development and maturation including transcription factors and synaptic proteins (Fogel et al., 2012). Defects in FOX1 have also been associated with autism (Martin et al., 2007), attention-deficit hyperactivity disorder (Elia et al., 2010) and schizophrenia (Xu et al., 2008).                                                                                                                                                |
| <b>Dilution</b>           | WB~~1:1000 IHC~~1:100~500 ICC~~N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Format</b>             | Protein G Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>            | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Precautions</b>        | Anti-FOX1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Shipping</b>           | Blue Ice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

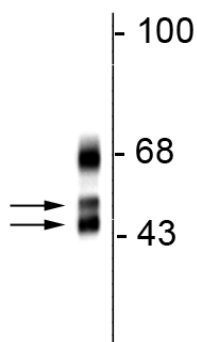
## Background

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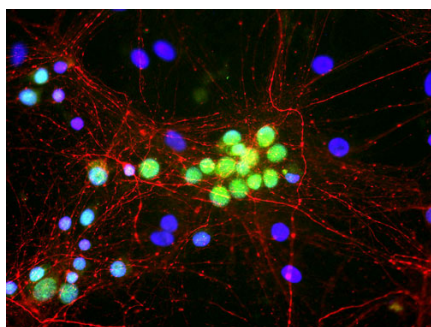
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## Images

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Western blot of rat cortical lysate showing specific immunolabeling of the ~46/48 kDa FOX1 protein.



Immunofluorescence of cultured rat neurons showing nuclear and distal cytoplasmic labeling of FOX1 (cat. AN1386, 1:500, green).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.