

## MSY2 Antibody

Catalog No: #48365

Package Size: #48365-1 50ul #48365-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

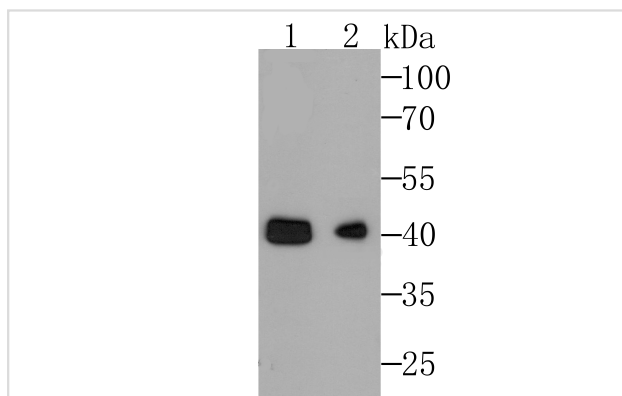
## Description

|                       |   |
|-----------------------|---|
| Product Name          | MSY2 Antibody   |
| Host Species          | Mouse   |
| Clonality             | Monoclonal  |
| Clone No.             | A2-B9-G6  |
| Purification          | ProG affinity purified  |
| Applications          | WB,IHC  |
| Species Reactivity    | Hu, Ms, Rt  |
| Immunogen Description | Peptide.  |
| Other Names           | Contrin antibody CSDA 3 antibody CSDA3 antibody Dbpc antibody DNA binding protein C antibody<br>DNA-binding protein C antibody FRGY2 homolog antibody Germ cell specific Y box binding protein<br>antibody Germ cell-specific Y-box-binding protein antibody MGC118270 antibody MGC45104 antibody<br>MSY 2 antibody MSY2 antibody MSY2 homolog antibody OTTMUSP00000006276 antibody<br>RGD1305068 antibody Y box binding protein 2 antibody Y-box-binding protein 2 antibody<br>YBOX2_HUMAN antibody YBX 2 antibody YBX2 antibody |
| Accession No.         | Swiss-Prot#:Q9Y2T7  |
| Uniprot               | Q9Y2T7  |
| GeneID                | 51087;  |
| Calculated MW         | 38.5 kDa  |
| Formulation           | 1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.  |
| Storage               | Store at -20°C  |

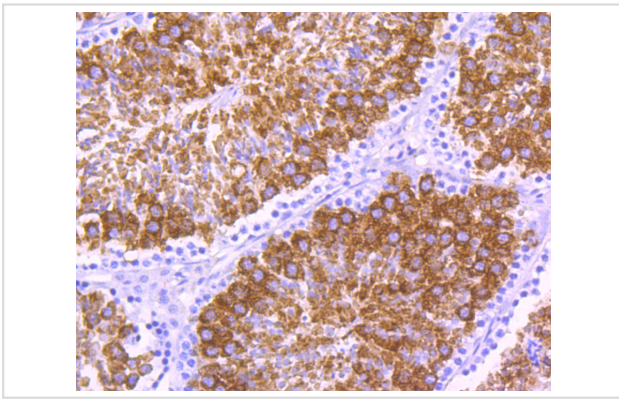
## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200

## Images



Western blot analysis of MYS2 on MCF-7 cell (1) and mouse testis tissue lysate using anti-MSY2 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-MSY2 antibody. Counter stained with hematoxylin.

## Background

Major constituent of messenger ribonucleoprotein particles (mRNPs). Involved in the regulation of the stability and/or translation of germ cell mRNAs. Binds to Y-box consensus promoter element. Binds to full-length mRNA with high affinity in a sequence-independent manner. Binds to short RNA sequences containing the consensus site 5'-UCCAUCA-3' with low affinity and limited sequence specificity. Its binding with maternal mRNAs is necessary for its cytoplasmic retention. May mark specific mRNAs (those transcribed from Y-box promoters) in the nucleus for cytoplasmic storage, thereby linking transcription and mRNA storage/translational delay.

## References

Note: This product is for in vitro research use only