

Mouse MSY2 Monoclonal Antibody | anti-MSY2 antibody

MSY2 Antibody

CATALOG # AAA312012	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MSY2; Monoclonal Antibody; MSY2 Antibody; Contrin antibody; CSDA 3 antibody; CSDA3 antibody; Dbpc antibody; DNA binding protein C antibody; DNA-binding protein C antibody; FRGY2 homolog antibody; Germ cell specific Y box binding protein antibody; Germ cell-specific Y-box-binding protein antibody; MGC118270 antibody; MGC45104 antibody; MSY 2 antibody; MSY2 antibody; MSY2 homolog antibody; OTTMUSP00000006276 antibody; RGD1305068 antibody; Y box binding protein 2 antibody; Y-box-binding protein 2 antibody; YBOX2_HUMAN antibody; YBX 2 antibody; YBX2 antibody; anti-MSY2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	A2-B9-G6
Purity/Purification	ProG affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MSY2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-MSY2 antibody	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.
Product Categories/Family for anti-MSY2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	156415990
NCBI GeneID	51087
NCBI Accession #	NP_057066.2
NCBI GenBank Nucleotide #	NM_015982.3
UniProt Accession #	Q9Y2T7; Q8N4P0; D3DTP1
Molecular Weight	38,518 Da
NCBI Official Full Name	Y-box-binding protein 2
NCBI Official Synonym Full Names	Y box binding protein 2
NCBI Official Symbol	YBX2
NCBI Official Synonym Symbols	DBPC; MSY2; CSDA3; CONTRIN
NCBI Protein Information	Y-box-binding protein 2; MSY2 homolog; DNA-binding protein C; germ cell specific Y-box binding protein; germ cell-specific Y-box-binding protein
UniProt Protein Name	Y-box-binding protein 2
UniProt Gene Name	YBX2
UniProt Synonym Gene Names	CSDA3; MSY2; Dbpc
UniProt Entry Name	YBOX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/msy2-antibody-clone-a2-b9-g6-immunohistochemistry-western-blot-elisa/312012>