

Rabbit YBOX1/YB-1 Polyclonal Antibody | anti-YBOX1/YB-1 antibody

YBOX1/YB-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311965	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot

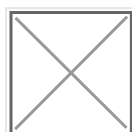
PRODUCT SYNONYMS

YBOX1/YB-1; Polyclonal Antibody; YBOX1/YB-1 Antibody; BP 8 antibody; CBF-A antibody; CCAAT binding transcription factor I subunit A antibody; CCAAT-binding transcription factor I subunit A antibody; CSDA2 antibody; CSDB antibody; DBPB antibody; DNA binding protein B antibody; DNA-binding protein B antibody; EFI-A antibody; Enhancer factor I subunit A antibody; MDR NF1 antibody; MGC104858 antibody; MGC110976 antibody; MGC117250 antibody; NSEP 1 antibody; NSEP1 antibody; Nuclease sensitive element binding protein 1 antibody; Nuclease-sensitive element-binding protein 1 antibody; p50 antibody; Q15905 antibody; Y-box binding protein 1 antibody; Y-box transcription factor antibody; Y-box-binding protein 1 antibody; YB 1 antibody; YB-1 antibody; YBOX1_HUMAN antibody; YBX 1 antibody; ybx1 antibody; anti-YBOX1/YB-1 antibody

PRODUCT SPECIFICATIONS

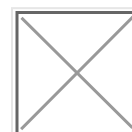
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-YBOX1/YB-1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



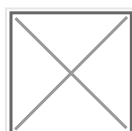
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with YB1 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated Goat anti rabbit IgG was used as the secondary antibody.



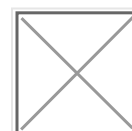
ICC (Immunocytochemistry)

Immunocytochemical staining of HeLa cells using anti-YB1 rabbit polyclonal antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin- embedded mouse ovary tissue using anti-YB1 rabbit polyclonal antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin- embedded mouse testis tissue using anti-YB1 rabbit polyclonal antibody.



WB (Western Blot)

Western blot analysis on mouse testis lysates using anti-YB1 rabbit polyclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-YBOX1/YB-1 antibody	MSY2 and YB-2 (MSY3, 4) belong to the Y-box family of multifunctional proteins that regulate both transcription and translation. Y-box proteins interact with a wide variety of nucleic acid structures to act as transcription factors and mRNA masking proteins. The modular structure of Y-box proteins includes a highly conserved N-terminal cold-shock domain (CSD, equivalent to the bacterial cold-shock proteins) and four basic C-terminal domains containing arginine clusters and aromatic residues. MSY2 is expressed in testis and ovary where it may repress translation of parental mRNA. The gene encoding human MSY2 maps to chromosome 17p11.2-13.1. YB-2 (MSY3, 4 in mouse) is also known as DNA binding protein A and is highly expressed in the testis, heart and muscle. MSY2 and YB-2 bind to the consensus sequence 5'-UCCAUCA-3' contained in the Y-box element.
Product Categories/Family for anti-YBOX1/YB-1 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/polyclonal/ybox1-yb-1-antibody-flow-cytometry-immunohistochemistry-immunocytochemistry-western-blot-elisa/311965>