

Rabbit anti-Human YBX2 Polyclonal Antibody | anti-YBX2 antibody

YBX2 Antibody (C-term)

CATALOG # AAA283924	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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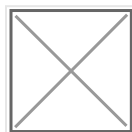
PRODUCT SYNONYMS

YBX2; Polyclonal Antibody; YBX2 Antibody (C-term); Y-box-binding protein 2; Contrin; DNA-binding protein C; Dbpc; Germ cell-specific Y-box-binding protein; MSY2 homolog; CSDA3; MSY2; anti-YBX2 antibody

PRODUCT SPECIFICATIONS

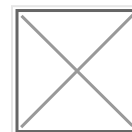
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This YBX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 294-323 amino acids from the C-terminal region of human YBX2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	294-323
Sequence Length	364
Applicable Applications for anti-YBX2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human testis tissue reacted with YBX2 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of YBX2 Antibody (C-term) in Jurkat cell line lysates (35ug/lane). YBX2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-YBX2 antibody	YBX2 is a major constituent of messenger ribonucleoprotein particles (mRNPs). It is nvolved in the regulation of the stability and/or translation of germ cell mRNAs. It binds to Y-box consensus promoter element and to full length mRNA with high affinity in a sequence-independent manner. It 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. YBX2 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-YBX2 antibody	Developmental Biology; Signal Transduction
References	Kohno,Y., Br. J. Cancer 94 (5), 710-716 (2006) Yoshida,T., Biochim. Biophys. Acta 1759 (1-2), 80-88 (2006) Tekur,S., J. Androl. 20 (1), 135-144 (1999) Gu,W., Biol. Reprod. 59 (5), 1266-1274 (1998)

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	38518
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
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/ybx2-antibody-immunohistochemistry-western-blot-elisa/283924>