Rabbit YBX2 Polyclonal Antibody | anti-YBX2 antibody

YBX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306411	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

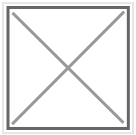
PRODUCT SYNONYMS

YBX2; Polyclonal Antibody; YBX2 Antibody; Y box binding protein 2; YBOX2; MSY2; CONTRIN; CSDA3; Dbpc; DNA-binding protein C; anti-YBX2 antibody

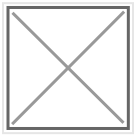
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	364
Applicable Applications for anti-YBX2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the carboxy end of human YBX2.
Target Name	YBX2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of YBX2 in human testis tissue with YBX2 antibody at 10 ug/mL.



WB (Western Blot)
Western blot analysis of YBX2 in human testis tissue lysate with YBX2 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-YBX2 antibody	Germ cell specific Y-box binding protein (YBX2), a germ-cell-specific member of the Y-box family of DNA-/RNA-binding proteins, is a major constituent of messenger ribonucleoprotein particles (mRNPs) and involved in the regulation of the stability and/or translation of germ cell mRNAs. It is proposed to function as a coactivator of transcription in the nucleus and to stabilize and store maternal and paternal mRNAs in the cytoplasm. YBX2 binds to the Y-box consensus promoter element and is expressed in oocytes and testicular germ cells in the stage of spermatogonia to spermatocyte. Recent studies show that deletion of YBX2 leads to the disruption of both spermatogenesis and oogenesis.
Product Categories/Family for anti-YBX2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	156415990
NCBI GeneID	51087
NCBI Accession #	NP_057066
NCBI GenBank Nucleotide #	NM_015982.3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ybx2-antibody-immunohistochemistry-western-blot-elisa/306411