Rabbit YBX2 Polyclonal Antibody | anti-YBX2 antibody

YBX2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197810	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

YBX2; Polyclonal Antibody; YBX2 antibody - middle region; anti-YBX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:RK SRRFIPRPPS VAPPPMVAEI PSAGTGPGSK GERAEDSGQR PRRWCPPP
Sequence Length	364
Applicable Applications for anti-YBX2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 86%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human YBX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-YBX2 Antibody Titration: 1.0ug/mlELISA Titer: 1:12500Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-YBX2 antibody	This is a rabbit polyclonal antibody against YBX2. It was validated on Western Blot and immunohistochemistry Target Description: YBX2 is a member of the Y box multigene family of proteins; it contains the cold shock domain that is highly conserved among all Y box proteins and four basic/aromatic islands. By Northern blotting and immunoblotting, MSY2 appears to be a germ cell-specific protein in the testis. In the ovary, MSY2 is present exclusively in diplotene-stage and mature oocytes. MSY2 is maternally inherited in the one-cell-stage embryo but is not detected in the late two-cell-stage embryo. This loss of MSY2 is coincident with the bulk degradation of maternal mRNAs in the two-cell embryo.

Product Categories/Family for anti-YBX2 antibody	Polyclonal; Transcription Factor; RNA Binding Proteins; Transcription Regulation; Developmental Biology; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	156415990
NCBI GeneID	51087
NCBI Accession #	NP_057066
NCBI GenBank Nucleotide #	NM_015982
UniProt Accession #	Q9Y2T7
Molecular Weight	39kDa
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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