

Rabbit YBX1 Polyclonal Antibody | anti-YBX1 antibody

YBX1 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200123	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

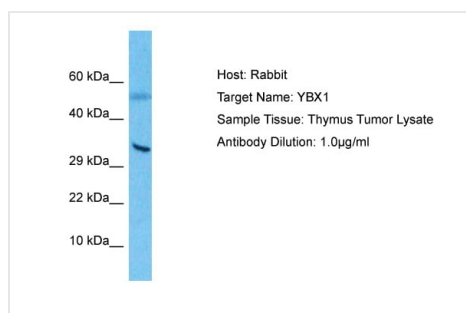
PRODUCT SYNONYMS

YBX1; Polyclonal Antibody; YBX1 Antibody - C-terminal region; anti-YBX1 antibody

PRODUCT SPECIFICATIONS

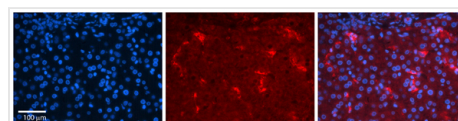
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PY GRRPQYSNPP VQGEVMEGAD NQGAGEQGRP VRQNMRYRGYR PRFRRGPP
Sequence Length	324
Applicable Applications for anti-YBX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 93%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human YBX1
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)

Host: Rabbit Target Name: YBX1 Sample Type: Thymus Tumor lysates Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-YBX1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in Kupfer cells in sinusoids Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-YBX1 antibody	This is a rabbit polyclonal antibody against YBX1. It was validated on Western Blot Target Description: YBX1 binds to splice sites in pre-mRNA and regulates splice site selection. YBX1 binds and stabilizes cytoplasmic mRNA. YBX1 contributes to the regulation of translation by modulating the interaction between the mRNA and eukaryotic initiation factors. YBX1 binds to promoters that contain a Y-box (5'-CTGATTGGCCAA-3'), such as HLA class II genes. YBX1 regulates the transcription of numerous genes. YBX1 promotes separation of DNA strands that contain mismatches or are modified by cisplatin. YBX1 has endonucleolytic activity and can introduce nicks or breaks into double-stranded DNA (in vitro). YBX1 may play a role in DNA repair. YBX1 is the component of the CRD-mediated complex that promotes MYC mRNA stability.
Product Categories/Family for anti-YBX1 antibody	Polyclonal; Transcription Factor; Cancer; Transcription Regulation; Cell Biology; Disease Related; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	34098946
NCBI GeneID	4904
NCBI Accession #	NP_004550
NCBI GenBank Nucleotide #	NM_004559
UniProt Accession #	P67809
Molecular Weight	35kDa
NCBI Official Full Name	nuclease-sensitive element-binding protein 1
NCBI Official Synonym Full Names	Y-box binding protein 1
NCBI Official Symbol	YBX1
NCBI Official Synonym Symbols	YB1; BP-8; CSDB; DBPB; YB-1; CBF-A; CSDA2; EFI-A; NSEP1; NSEP-1; MDR-NF1
NCBI Protein Information	nuclease-sensitive element-binding protein 1
UniProt Protein Name	Nuclease-sensitive element-binding protein 1
UniProt Gene Name	YBX1
UniProt Synonym Gene Names	NSEP1; YB1; CBF-A; DBPB; EFI-A; YB-1
UniProt Entry Name	YBOX1_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/ybx1-antibody-immunohistochemistry-western-blot-elisa/200123>