

Rabbit YBX1 Polyclonal Antibody | anti-YBX1 antibody

YBX1 Polyclonal Antibody

CATALOG # AAA169389	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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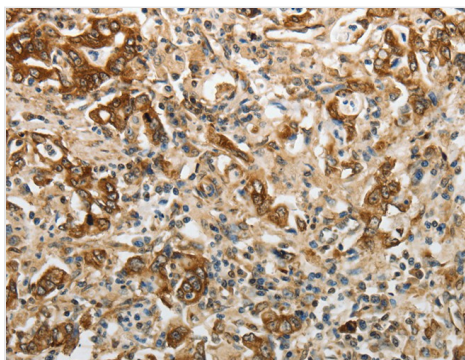
PRODUCT SYNONYMS

YBX1; Polyclonal Antibody; YBX1 Polyclonal Antibody; YB1; BP-8; CSDB; DBPB; YB-1; CSDA2; NSEP1; NSEP-1; MDR-NF1; anti-YBX1 antibody

PRODUCT SPECIFICATIONS

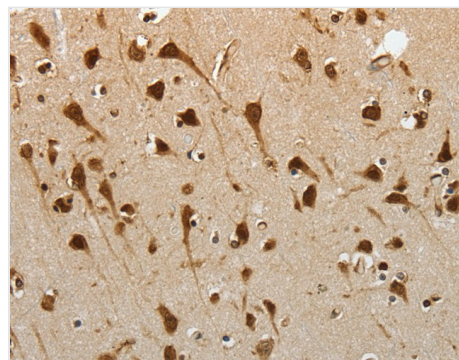
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.5mg/mL (varies by lot)
Sequence Length	181
Applicable Applications for anti-YBX1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human YBX1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using YBX1 Polyclonal Antibody at dilution 1:15



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using YBX1 Polyclonal Antibody at dilution 1:15

ADDITIONAL INFORMATION

Related Product Information for anti-YBX1 antibody	This protein mediates pre-mRNA alternative splicing regulation. It binds to splice sites in pre-mRNA and regulates splice site selection and contributes to the regulation of translation by modulating the interaction between the mRNA and eukaryotic initiation factors. It can regulates the transcription of numerous genes. Its transcriptional activity on the multidrug resistance gene MDR1 is enhanced in presence of the APEX1 acetylated form at 'Lys-6' and 'Lys-7'. Binds to promoters that contain a Y-box (5'-CTGATTGGCCAA-3'), such as MDR1 and HLA class II genes. Promotes separation of DNA strands that contain mismatches or are modified by cisplatin. Has endonucleolytic activity and can introduce nicks or breaks into double-stranded DNA (in vitro).
Product Categories/Family for anti-YBX1 antibody	Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938841
NCBI GeneID	4904
Molecular Weight	35,924 Da
NCBI Official Full Name	YBX1 protein, partial
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; CSDA2; NSEP1; NSEP-1; MDR-NF1
NCBI Protein Information	nuclease-sensitive element-binding protein 1; CBF-A; CCAAT-binding transcription factor I subunit A; DNA-binding protein B; EFI-A; Y-box transcription factor; Y-box-binding protein 1; enhancer factor I subunit A; major histocompatibility complex, class II, Y box-binding protein I; 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-elisa/169389>