

YB1 Antibody HRP Conjugated

Catalog No: #C03816H

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Description

Product Name	YB1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 120-170 324 derived from human YBX-1
Conjugates	HRP
Target Name	YB1
Other Names	YB1; BP-8; CSDB; DBPB; YB-1; CSDA2; NSEP1; NSEP-1; MDR-NF1; Nuclease-sensitive element-binding protein 1; CCAAT-binding transcription factor I subunit A; CBF-A; DNA-binding protein B; Enhancer factor I subunit A; EFI-A; Y-box transcription factor; Y-box-binding protein 1; YBX1
Accession No.	Swiss-Prot#P67809NCBI Gene ID4904
Cell Localization	Cytoplasm, Nucleus, Secreted
Concentration	1mg/ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% Gentamicin.
Storage	Store at 4C for 12 months.

Application Details

Western blotting: 1:100-1000 Immunohistochemistry: 1:100-500

Background

Mediates pre-mRNA alternative splicing regulation. Binds to splice sites in pre-mRNA and regulates splice site selection. Binds and stabilizes cytoplasmic mRNA. Contributes to the regulation of translation by modulating the interaction between the mRNA and eukaryotic initiation factors (By similarity). 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). May play a role in DNA repair. Component of the CRD-mediated complex that promotes MYC mRNA stability. Binds preferentially to the 5'-[CU]CUGCG-3' motif in vitro. The secreted form acts as an extracellular mitogen and stimulates cell migration and proliferation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.