

## YBX1 Polyclonal Antibody

Catalog No: #31310



Package Size: #31310-1 50ul #31310-2 100ul

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## Description

Product Name	YBX1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Hu,Ms,Rt
Immunogen Description	A synthetic peptide of human YBX1 (NP_004550.2).
Other Names	YBX1; BP-8; CBF-A; CSDA2; CSDB; DBPB; EFI-A; MDR-NF1; NSEP-1; NSEP1; YB-1; YB1; Y-box binding protein 1
Accession No.	Swiss-Prot#:P67809NCBI Gene ID:4904
Calculated MW	49kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB 1:500 - 1:2000 IHC 1:100 - 1:200 IF 1:50 - 1:200

## Background

This gene encodes a highly conserved cold shock domain protein that has broad nucleic acid binding properties. The encoded protein functions as both a DNA and RNA binding protein and has been implicated in numerous cellular processes including regulation of transcription and translation, pre-mRNA splicing, DNA repair and mRNA packaging. This protein is also a component of messenger ribonucleoprotein (mRNP) complexes and may have a role in microRNA processing. This protein can be secreted through non-classical pathways and functions as an extracellular mitogen. Aberrant expression of the gene is associated with cancer proliferation in numerous tissues. This gene may be a prognostic marker for poor outcome and drug resistance in certain cancers. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on multiple chromosomes.

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