

## anti- YBX1 antibody

### Product Information

Catalog No.:	FNab09561
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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 reparation 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.

### Immunogen information

Immunogen:	Y box binding protein 1
Synonyms:	BP 8, CBF A, CSDA2, CSDB, DBPB, DNA binding protein B, EFI A, Enhancer factor I subunit A, MDR NF1, NSEP 1, NSEP1, Y box binding protein 1, Y box transcription factor, YB 1, YB1, YBX1
Observed MW:	50 kDa
UniprotID :	P67809

1

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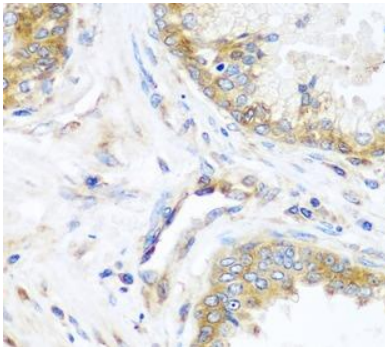
## Application

Reactivity: Human, Mouse, Rat

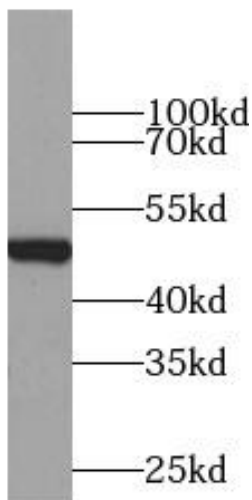
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:100 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human prostate using FNab09561(YBX1 antibody) at dilution of 1:100



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab09561(YBX1 antibody) at dilution of 1:1000

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