

## YBX1 Recombinant antibody

**Cat:** B36413S

**Company:** HaoKebio

**Uniprot ID:** P67809

**Applications:** IHC:1:200-1:800

**Organism:** Rabbit

IHC-Polymer:1:800-1:3200

**Species reactivity:** Human Mouse

IHC-TSA:1:1000-1:4000

**Molecular Weight Calculation:** 324 aa, 36 kDa

IF:1:50

**Observed Molecular Weight:** 36-56 kDa

WB:1:1000-1:6000

### Background:

Y box binding protein 1(YBX1) is one of cis-acting elements which has a role in regulation of the expression of HLA class II genes. YBX1 is great of importance in regulation of PTP1B expression. It can bind to splice sites mediate pre-mRNA alternative splicing regulation. Also, it involves the regulation of translation by modulation of the interaction between the mRNA and eukaryotic initiation factors. Its transcriptional activity on the multidrug resistance gene MDR1 is enhanced in presence of the APEX1 acetylated form at 'Lys-6' and 'Lys-7'. The secreted form acts as an extracellular mitogen and stimulates cell migration and proliferation. The calculated molecular weight of YBX1 is 36 kDa, but modified YBX1 is about 36-56 kDa.

### Synonyms:

242462F12, CBF A, CBF-A, CCAAT-binding transcription factor I subunit A, DBPB

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm, Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

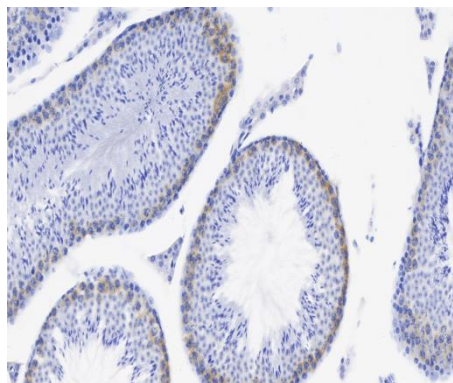
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse testis, 4% PFA 12-24h

### Source of Reagents:

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