

Anti- YB1 /YBX1 Rabbit pAb



WLA0497

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Product Information

Product name	Anti- YB1 /YBX1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:200
Cellular localization	Cytoplasm. Nucleus. Cytoplasmic granule. Secreted.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Y-box binding protein 1 (YBX1) is one of the cis acting elements that plays a role in regulating the expression of HLA class II genes. YBX1 is very important in regulating PTP1B expression. It can bind to splicing sites to mediate pre mRNA alternative splicing regulation. It serves as both a DNA and RNA binding protein and is involved in many cellular processes, including regulating transcription and translation, pre mRNA splicing, DNA compensation, and mRNA packaging. This protein is also a component of the messenger ribonucleoprotein (MRNP) complex and may play a role in microRNA processing. This protein can be secreted through non classical pathways and used as an extracellular mitogen. The abnormal expression of this gene is associated with cancer proliferation in many tissues. This gene may be a prognostic marker for poor prognosis and drug resistance in certain cancers. Alternative splicing can lead to multiple transcript variants. The pseudogene of this gene has been found on multiple chromosomes.
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Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of YB1 /YBX1.
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Purification	Polyclonal antibody was purified by immunogen affinity chromatography.
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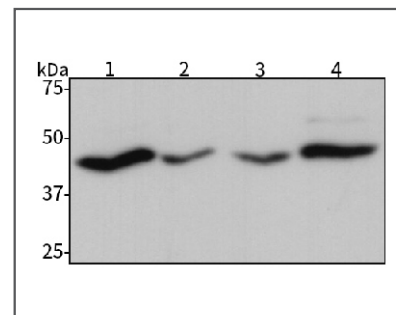
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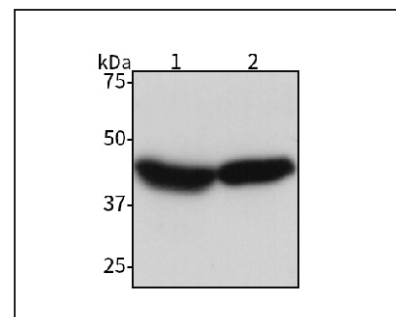
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Product Images



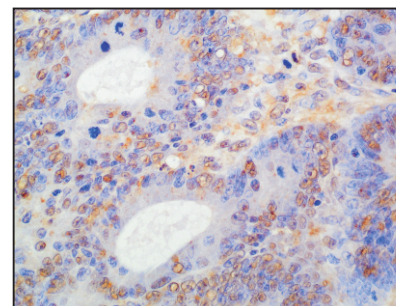
Western blot-Anti- YB1 /YBX1 pAb

Lane 1: Human TPH-1 cell lysate
 Lane 2: Human CAL-27 cell lysate
 Lane 3: Human Calu-3 cell lysate
 Lane 4: Human Hela cell lysate
 All lanes: Anti- YB1 /YBX1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 36 kDa
 Observed band size: 36-56 kDa



Western blot-Anti- YB1 /YBX1 pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Rat spleen tissue lysate
 All lanes: Anti- YB1 /YBX1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 36 kDa
 Observed band size: 36-56 kDa



Immunohistochemistry-Anti-YB1 /YBX1 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti- YB1 /YBX1 Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

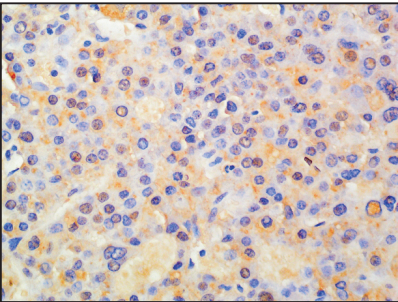
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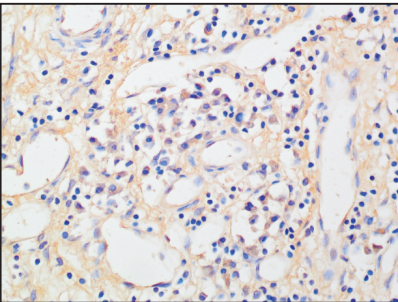
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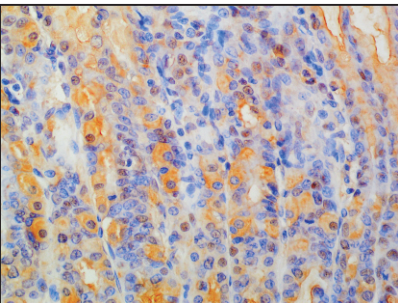
Immunohistochemistry-Anti-YB1 /YBX1 pAb

Immunohistochemical analysis of paraffin-embedded human liver cancer using anti- YB1 /YBX1 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-YB1 /YBX1 pAb

Immunohistochemical analysis of paraffin-embedded human renal clear cell carcinoma using anti- YB1 /YBX1 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-YB1 /YBX1 pAb

Immunohistochemical analysis of paraffin-embedded rat stomach using anti- YB1 /YBX1 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

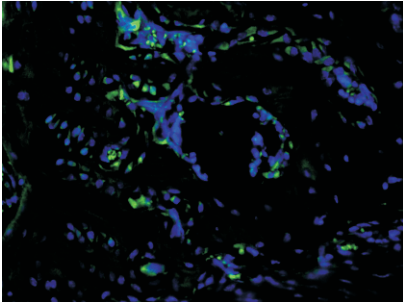
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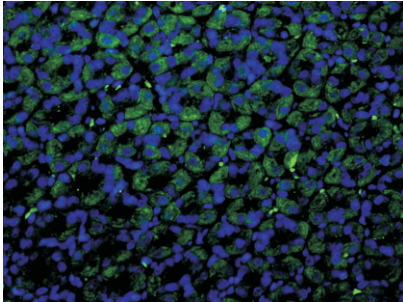
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Immunofluorescence-Anti- YB1 /YBX1 pAb

Immunofluorescence analysis of paraffin-embedded mouse femur using anti- YB1 /YBX1 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti- YB1 /YBX1 pAb

Immunofluorescence analysis of paraffin-embedded rat stomach using anti- YB1 /YBX1 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0