antibodies .- online.com







anti-YBX1 antibody





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Quantity:	200 μL
Target:	YBX1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YBX1 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human YBX1 (NP_004550.2).	
Isotype:	lgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	YBX1	
Alternative Name:	YBX1 (YBX1 Products)	
Background:	und: This gene encodes a highly conserved cold shock domain protein that has broad nucleic aci	
	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	

Target Details

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.

Gene ID: 4904

UniProt: P67809

Pathways: Regulation of Muscle Cell Differentiation

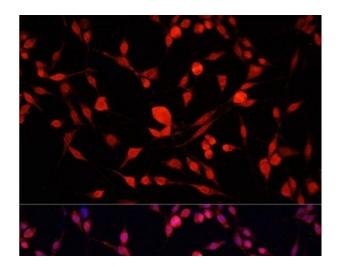
Application Details

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

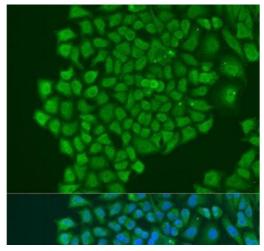
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



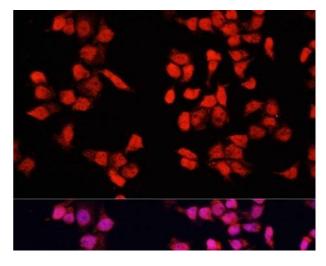
Immunofluorescence

Image 1. Immunofluorescence analysis of PC-12 cells using YBX1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cells using YBX1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using YBX1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN7258596.