antibodies -online.com







anti-YBX1 antibody

Images



Overview

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

Product Details

Immunogen:	Synthetic peptide of human YBX1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	YBX1
Alternative Name:	YBX1 (YBX1 Products)
Background:	This protein mediates pre-mRNA alternative splicing regulation. It binds to splice sites in pre-
	mRNA and regulates splice site selection and contributes to the regulation of translation by
	modulating the interaction between the mRNA and eukaryotic initiation factors. It can regulates
	the transcription of numerous genes. Its transcriptional activity on the multidrug resistance

Target Details

gene MDR1 is enhanced in presence of the APEX1 acetylated form at 'Lys-6' and 'Lys-7'. Binds to promoters that contain a Y-box (5'-CTGATTGGCCAA-3'), such as MDR1 and HLA class II genes. Promotes separation of DNA strands that contain mismatches or are modified by cisplatin. Has endonucleolytic activity and can introduce nicks or breaks into double-stranded DNA (in vitro).

UniProt:

P67809

Pathways:

Regulation of Muscle Cell Differentiation

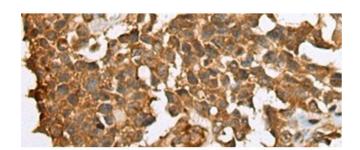
Application Details

Application Notes: IHC 1:30-1:150, ELISA 1:5000-1:10000

Restrictions: For Research Use only

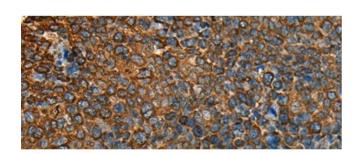
Handling

Tranaming	
Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using YBX1 Polyclonal Antibody at dilution of 1:25(x200)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using YBX1 Polyclonal Antibody at dilution of 1:25(x200)