

Datasheet for ABIN7453588
anti-YBX1 antibody (AA 224-274)



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Overview

Quantity:	100 µg
Target:	YBX1
Binding Specificity:	AA 224-274
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YBX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-YB1 Antibody, Affinity Purified
Immunogen:	between AA 224 and 274
Isotype:	IgG
Predicted Reactivity:	Rat,X. laevis,Chicken,Bovine,Rabbit
Purification:	Affinity Purified

Target Details

Target:	YBX1
Alternative Name:	YB1 (YBX1 Products)

Target Details

Background:	Background: Y-box-binding protein 1 (YB1) Regulates the transcription of numerous genes. It has been shown to promote separation of DNA strands that contain mismatches or are modified by cisplatin, and shown to have endonucleolytic activity that can introduce nicks or breaks into double-stranded DNA (in vitro). YB1 may play a role in DNA repair. It is a component of the CRD-mediated complex that promotes MYC mRNA stability [taken from the Universal Protein Resource (UniProt) P67809].
Gene ID:	4904
NCBI Accession:	NP_004550
UniProt:	P67809
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	IHC: 1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months