

Datasheet for ABIN2775772
anti-YBX1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	YBX1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Sheep, Horse, Rabbit, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YBX1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NSEP1
Sequence:	NMYRGYRPRF RRGPPRQRQP REDGNEEDKE NQGDETQGQQ PPQRRYRRNF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Yeast: 92%
Characteristics:	This is a rabbit polyclonal antibody against NSEP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	YBX1
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Target Details

Alternative Name:	NSEP1 (YBX1 Products)
Background:	NSEP1 is a cell cycle stage-specific transcription factor important for cell proliferation. NSEP1 encodes a protein that correlates with P-glycoprotein expression in human breast carcinoma. Alias Symbols: YB1, BP-8, CSDB, DBPB, YB-1, CSDA2, NSEP1, NSEP-1, MDR-NF1 Protein Interaction Partner: UBC, TP53, AKT1, SPRTN, AURKA, SUMO2, STAU1, IVNS1ABP, SMURF2, EZH2, BMI1, SUZ12, RNF2, HNRNPU, HNRNPAB, HNRNPA2B1, FUS, FKBP3, DYNC1LI2, DYNC1I2, DYNC1H1, DDX1, APBB1, G3BP1, EIF2B2, TUBB, PRPF40A, EIF3K, DIMT1, TUBA4A, RPL23A, PTBP1, PA2G4, NMT1, MAP2, Protein Size: 324
Molecular Weight:	36 kDa
Gene ID:	4904
NCBI Accession:	NM_004559 , NP_004550
UniProt:	Q5FVF0
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 324 AA
Restrictions:	For Research Use only

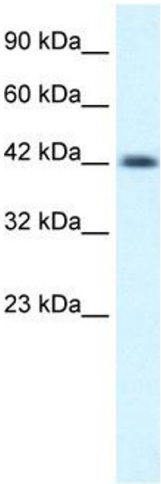
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NSEP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate YBX1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells