

Datasheet for ABIN920231

anti-YBX1 antibody (AbBy Fluor® 647)



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Overview

Quantity:	100 µL
Target:	YBX1
Reactivity:	Human, Rat, Mouse, Cow, Dog, Chicken, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YBX1 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human YBX-1/YB1
Isotype:	IgG
Cross-Reactivity:	Chicken, Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified by Protein A.

Target Details

Target:	YBX1
Alternative Name:	YBX-1 (YBX1 Products)
Background:	Synonyms: BP 8, CBF-A, YB1, CCAAT binding transcription factor I subunit A, YBX1, CCAAT-binding transcription factor I subunit A, CSDA2, CSDB, DBPB, DNA binding protein B, DNA-binding protein B, EFI-A, Enhancer factor I subunit A, MDR NF1, NSEP 1, NSEP1, Nuclease sensitive element binding protein 1, Nuclease-sensitive element-binding protein 1, p50, Q15905,

Target Details

Y-box binding protein 1, Y-box transcription factor, Y-box-binding protein 1, YB 1, YB-1, YBOX1_HUMAN, YBX 1, YBX1.

Background: The Y-box binding protein 1 (YB1) is a pluripotent DNA/RNA-binding factor which regulates gene expression through transcription and translation. YB1 has been shown to be a marker of tumour aggressiveness and belongs to the cold-shock domain family.

Molecular Weight: 36kDa

Gene ID: 4904

Pathways: [Regulation of Muscle Cell Differentiation](#)

Application Details

Application Notes: IF(IHC-P)(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months