

Datasheet for ABIN759851

anti-YBX1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	YBX1
Reactivity:	Human, Rat, Mouse, Cow, Dog, Chicken, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YBX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), 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

Target Details

sensitive element binding protein 1, Nuclease-sensitive element-binding protein 1, p50, Q15905, 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: 50kDa

Gene ID: 4904

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

Application Details

Application Notes: WB(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 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

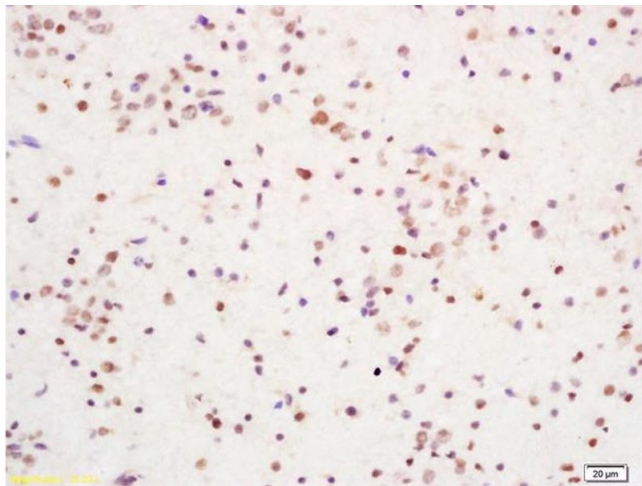
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

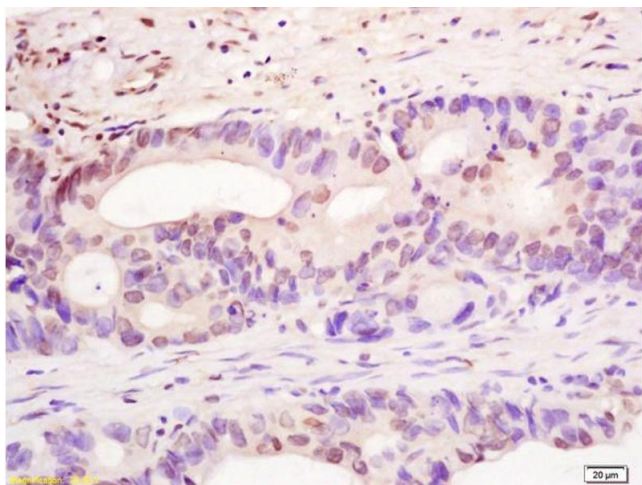
Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human brain glioblastoma labeled with Rabbit Anti YBX-1/YB1 Polyclonal Antibody, Unconjugated (ABIN759851) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Rabbit Anti YBX-1/YB1 Polyclonal Antibody, Unconjugated (ABIN759851) at 1:200 followed by conjugation to the secondary antibody and DAB staining