

Datasheet for ABIN600017  
**anti-YBX1 antibody (C-Term)**



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## Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                     |
| Target:              | YBX1                                                                                                                                       |
| Binding Specificity: | C-Term                                                                                                                                     |
| Reactivity:          | Human, Rat, Mouse, Monkey                                                                                                                  |
| Host:                | Rabbit                                                                                                                                     |
| Clonality:           | Polyclonal                                                                                                                                 |
| Conjugate:           | This YBX1 antibody is un-conjugated                                                                                                        |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide corresponding to the carboxy terminus of the human YB1 protein (KLH-coupled).         |
|               | Type of Immunogen: Synthetic peptide - KLH conjugated                                                   |
| Specificity:  | Recognizes human YB1. Species cross-reactivity: mouse, rat, monkey. Sequence Homology: bovine, xenopus. |
| Purification: | Protein A purified                                                                                      |

## Target Details

|         |      |
|---------|------|
| Target: | YBX1 |
|---------|------|

## Target Details

|                   |                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | YBX1 / YB1 ( <a href="#">YBX1 Products</a> )                                                                                                                                                                                                                |
| Background:       | <p>Name/Gene ID: YBX1</p> <p>Synonyms: YBX1, CBF-A, DBPB, CSDB, DNA-binding protein B, MDR-NF1, NSEP-1, NSEP1, Y box binding protein 1, Y-box transcription factor, Y-box-binding protein 1, YB-1, BP-8, CSDA2, EFI-A, Enhancer factor I subunit A, YB1</p> |
| Gene ID:          | 4904                                                                                                                                                                                                                                                        |
| UniProt:          | <a href="#">P67809</a>                                                                                                                                                                                                                                      |
| Pathways:         | <a href="#">Regulation of Muscle Cell Differentiation</a>                                                                                                                                                                                                   |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <p>Approved: IF, IHC, IHC-P (1:50), WB (1:1000)</p> <p>Usage: Suitable for use in Western Blot, Immunohistochemistry (Paraffin) and Immunofluorescence (IF-IC). Western Blot: 1:1000. Incubate membrane with diluted antibody in 5 % w/v BSA, 1X TBS, 0.1 %. Tween-20 at 4 °C with gentle shaking, overnight. Immunohistochemistry (P): 1:50. Immunofluorescence (IF-IC) 1:100.</p> |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                                                                                                                                                                   |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                               |

## Handling

|                  |                                                                                                                                                |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                         |
| Concentration:   | Lot specific                                                                                                                                   |
| Buffer:          | Supplied in 10 mM sodium HEPES, pH 7.5, 150 mM sodium chloride, 100 µg/mL BSA, 50 % glycerol                                                   |
| Storage:         | 4 °C, -20 °C                                                                                                                                   |
| Storage Comment: | May be stored at 4°C for short-term only. For long-term storage, aliquot and store at -20°C. Aliquots are stable for at least 1 year at -20°C. |