

Anti-YB1/Ybx1 Antibody Picoband® Cy3 Conjugated

Catalog Number: A01054-1-Cy3

About Ybx1

Y box binding protein 1 also known as Y-box transcription factor or nuclease-sensitive element-binding protein 1 is a protein that in humans is encoded by the YBX1 gene. Enables chromatin binding activity; mRNA binding activity; and single-stranded DNA binding activity. Involved in epidermis development and negative regulation of cellular senescence. Acts upstream of or within several processes, including cellular response to interleukin-7; negative regulation of striated muscle cell differentiation; and negative regulation of transcription by RNA polymerase II. Located in cytoplasm and nucleus. Part of histone pre-mRNA 3'end processing complex. Is expressed in several structures, including branchial arch; central nervous system; facial prominence; gonad; and retina. Orthologous to human YBX1 (Y-box binding protein 1).

Overview

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| Product Name | Anti-YB1/Ybx1 Antibody Picoband® Cy3 Conjugated |
| Reactive Species | Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P62960 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence in the middle region of mouse YB1/Ybx1, identical to the related rat sequences. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-YB1/Ybx1 Antibody - Cy3

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