

Datasheet for ABIN7072754

Recombinant anti-CBX1 antibody (His tag)



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Overview

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| Quantity: | 100 µg |
| Target: | CBX1 |
| Reactivity: | Human |
| Host: | Human |
| Antibody Type: | Recombinant Antibody |
| Clonality: | Monoclonal |
| Conjugate: | This CBX1 antibody is conjugated to His tag |
| Application: | ELISA, Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP), Mass Spectrometry (MS) |

Product Details

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| Purpose: | Anti-CBX1 [RAB-C145], Human Fab fragment, His-Tagged, kappa |
| Immunogen: | This antibody was obtained by recombinant antibody (rAb) phage display recognizing CBX1 protein under non-denaturing conditions. |
| Clone: | RAB-C145 |
| Isotype: | Kappa |
| Fragment: | Fab fragment |
| Specificity: | This antibody recognizes CBX1 (Chromobox protein homolog 1). It binds to a folded domain, amino acids 20-73. CBX1 is a component of heterochromatin. It recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. |

Product Details

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| Characteristics: | Original Species of Ab: Human |
| | Original Format of Ab: Fab |
| Purification: | Purified by Immobilized Metal Affinity Chromatography |

Target Details

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| Target: | CBX1 |
| Alternative Name: | CBX1 (CBX1 Products) |
| Background: | HP1 beta, Chromobox protein homolog 1, HP1Hsbeta, Heterochromatin protein 1 homolog beta, Heterochromatin protein p25, M31, Modifier 1 protein, p25beta, anti-CBX1-RAB-C145, 41G3_36 |
| UniProt: | P83916 |

Application Details

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| Application Notes: | This antibody has been used and recommended for the following methods: ELISA, IF, IP-MS, ChIP. |
| Restrictions: | For Research Use only |

Handling

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| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % Proclin 300. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. |