

## Anti-CBX1 polyclonal antibody (DPABH-20583)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| Antigen Description | Component of heterochromatin. Recognizes and binds histone H 3 tails methylated at Lys-9, leading to epigenetic repression. Interaction with lamin B receptor (LBR) can contribute to the association of the heterochromatin with the inner nuclear membrane. |
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| Specificity | DPABH-20583 recognises a band at 25 kDa , which is attributed to CBX1 / HP1 beta. |
| Immunogen | Synthetic peptide, conjugated to KLH, derived from within residues 150 to the C-terminus of Human HP1 beta. |
| Isotype | $\lg G$ |
| Source/Host | Rabbit |
| Species Reactivity | Mouse, Rat, Human, Marsupials |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB, IHC-P, ICC/IF, IP |
| Format | Liquid |
| Size | $100 \mu \mathrm{~g}$ |
| Buffer | Constituents: 1\% BSA, PBS, pH 7.4 |
| Preservative | Preservative: 0.02\% Sodium Azide |
| Storage | Store at $4^{\circ} \mathrm{C}$ short term (1-2 weeks). Aliquot and store at $-20^{\circ} \mathrm{C}$ or $-80^{\circ} \mathrm{C}$. Avoid repeated freeze / thaw cycles. |

## GENE INFORMATION

| Gene Name | CBX1 chromobox homolog 2[Homo sapiens] |
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| Official Symbol | CBX1 |
| Synonyms | CBX1; chromobox homolog 1; CBX; M31; MOD1; p25beta; HP1-BETA; HP1Hsbeta; HP1Hs- <br> beta; chromobox protein homolog 1; HP1 beta homolog; modifier 1 protein; heterochromatin <br> protein 1-beta; heterochromatin protein p25 beta; heterochromatin protein 1 homolog beta; <br> chromobox homolog 1 (HP1 beta homolog Drosophila ); |
| Entrez Gene ID | $\underline{10951}$ |
| Protein Refseq | $\underline{\text { P83 } 001120700.1}$ |
| UniProt ID | chromatin binding; enzyme binding; histone methyltransferase binding; identical protein binding |
| Function |  |

