Datasheet for ABIN7190072
anti-CBX1 antibody
1 Image


## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | CBX1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CBX1 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| Immunogen: | Synthetic peptide of Human CBX1 |
| :--- | :--- |
| Isotype: | HuG |
| Cross-Reactivity: | Antigen affinity purification |
| Purification: | CBX1 |
| Target Details | Background: This gene encodes a highly conserved nonhistone protein, which is a member of <br> the heterochromatin protein family . The protein is enriched in the heterochromatin and <br> Target: |
| associated with centromeres. The protein has a single N-terminal chromodomain which can |  |
| Background: | bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow- |


|  | domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The protein may play an important role in the epigenetic control of chromatin structure and gene expression. <br> Aliases: CBX 1 antibody, CBX antibody, Cbx1 antibody, CBX1_HUMAN antibody, Chromobox 1 antibody, Chromobox homolog 1 (HP1 beta homolog Drosophila ) antibody, chromobox homolog 1 antibody, Chromobox protein homolog 1 antibody, Drosophila HP1 beta antibody, Heterochromatin protein 1 beta antibody, Heterochromatin protein 1 homolog beta antibody, Heterochromatin protein p25 antibody, heterochromatin protein p25 beta antibody, HP1 beta antibody, HP1 beta homolog antibody, HP1 beta homolog Drosophila antibody, HP1, Drosophila. homolog of, beta antibody, HP1 beta antibody, HP1Hs beta antibody, HP1Hsbeta antibody, Human heterochromatin protein p25 mRNA complete cds antibody, M31 antibody, MOD 1 antibody, MOD1 antibody, Modifier 1 protein antibody, p25beta antibody |
| :---: | :---: |
| UniProt: <br> Application Details | P83916 |
| Application Notes: | ELISA:1:1000-1:2000, IHC:1:15-1:50, |
| Restrictions: <br> Handling | For Research Use only |
| Format: | Liquid |
| Buffer: | $-20^{\circ} \mathrm{C}, \mathrm{pH} 7.4 \mathrm{PBS}, 0.05 \%$ Sodium azide, $40 \%$ Glycerol |
| 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: | $-20^{\circ} \mathrm{C},-80^{\circ} \mathrm{C}$ |
| Storage Comment: | Upon receipt, store at $-20^{\circ} \mathrm{C}$ or $-80^{\circ} \mathrm{C}$. Avoid repeated freeze. |



Immunohistochemistry
Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ABIN7190072(CBX1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)

