

Datasheet for ABIN7539650  
**anti-CBX1 antibody (AA 1-185)**



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## Overview

Quantity:	100 µL
Target:	CBX1
Binding Specificity:	AA 1-185
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CBX1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	CBX1 Antibody
Immunogen:	Purified recombinant fragment of human CBX1 (AA: 1-185) expressed in E. Coli.
Clone:	2B7D6
Isotype:	IgG1
Purification:	Purified antibody

## Target Details

Target:	CBX1
Alternative Name:	CBX1 ( <a href="#">CBX1 Products</a> )
Background:	Description: This gene encodes a highly conserved nonhistone protein, which is a member of

## Target Details

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the heterochromatin protein family . The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can 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. Several related pseudogenes are located on chromosomes 1, 3, and X. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Aliases: CBX, M31, MOD1, p25beta, HP1-BETA, HP1Hsbeta, HP1Hs-beta

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Molecular Weight: 21.4 kDa

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Gene ID: 10951

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UniProt: [P83916](#)

## Application Details

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Application Notes: ELISA: 1/10000

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Restrictions: For Research Use only

## Handling

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Buffer: Purified antibody in PBS with 0.05 % sodium azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

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Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.