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Datasheet for ABIN7150954  
**anti-CBX4 antibody (AA 401-560)**

2 Images

### Overview

Quantity:	100 µL
Target:	CBX4
Binding Specificity:	AA 401-560
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBX4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human E3 SUMO-protein ligase CBX4 protein (401-560AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity purified

### Target Details

Target:	CBX4
Alternative Name:	CBX4 ( <a href="#">CBX4 Products</a> )
Background:	Background: E3 SUMO-protein ligase which facilitates SUMO1 conjugation by UBE2I. Involved in the sumoylation of HNRNPK, a p53/TP53 transcriptional coactivator, hence indirectly

## Target Details

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regulates p53/TP53 transcriptional activation resulting in p21/CDKN1A expression.

Monosumoylates ZNF131. Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, it mediates monoubiquitination of histone H2A \\Lys-119\\, rendering chromatin heritably changed in its expressibility.

Aliases: CBX 4 antibody, CBX4 antibody, Cbx4 chromobox homolog 4 (Drosophila Pc class) antibody, CBX4\_HUMAN antibody, Chromobox homolog 4 (Pc class homolog, Drosophila) antibody, Chromobox homolog 4 antibody, Chromobox protein homolog 4 antibody, E3 SUMO protein ligase CBX 4 antibody, E3 SUMO protein ligase CBX4 antibody, E3 SUMO-protein ligase CBX4 antibody, hPc 2 antibody, hPc2 antibody, NBP 16 antibody, NBP16 antibody, NS5ATP1 binding protein 16 antibody, Pc 2 antibody, Pc class 2 homolog antibody, Pc class homolog antibody, Pc class homolog Drosophila antibody, PC2 antibody, Polycomb 2 homolog antibody

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UniProt: [000257](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

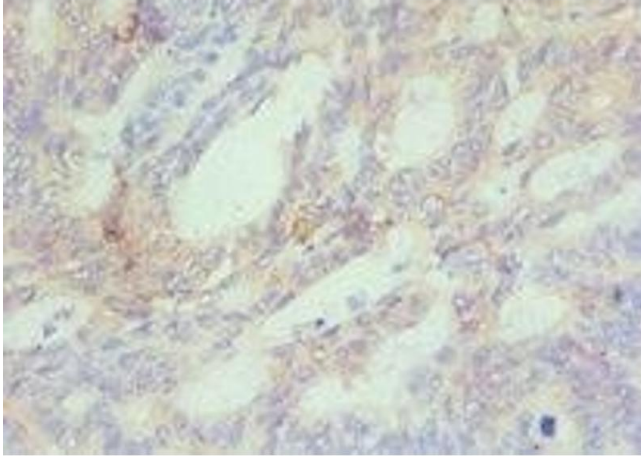
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

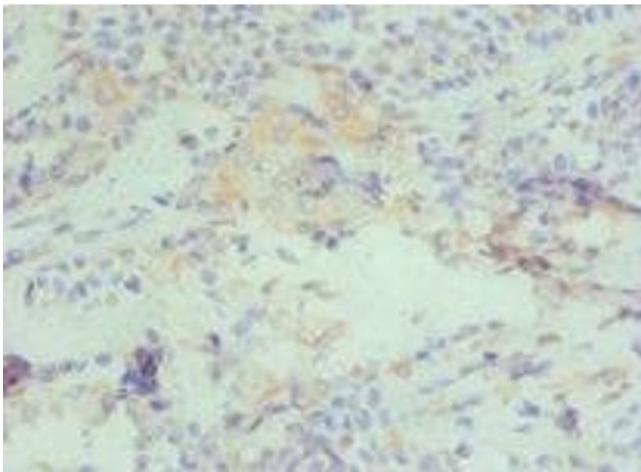
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7150954 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7150954 at dilution of 1:100