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## Datasheet for ABIN6942379 **anti-CBX7 antibody**

### Overview

Quantity:	100 µL
Target:	CBX7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CBX7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

### Product Details

Immunogen:	Recombinant protein within human cbx7 aa 1-150
Clone:	5C5
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	CBX7
Alternative Name:	CBX7 ( <a href="#">CBX7 Products</a> )
Background:	Synonyms: Chromobox protein homolog 7, CBX7. Background: CBX7 (Chromobox protein homolog 7) is a 251 amino acid nuclear protein that

## Target Details

contains one N-terminal chromodomain and one C-terminal Pc box. Highly expressed in kidney, brain, heart and skeletal muscle, with weaker expression in peripheral blood leukocytes, CBX7 functions as a component of the chromatin-associated polycomb complex (PcG) and is involved in maintaining the transcriptionally repressed state of target genes. Additionally, CBX7 modifies chromatin and is thought to extend the cellular life span of epithelial cells by repressing p14 ARF expression, while simultaneously repressing telomerase activity. Due to its ability to repress the transcription of cell-cycle-related proteins, CBX7 is thought to play a role in tumorigenesis, specifically in the development of follicular lymphoma and thyroid cancer.

Gene ID: 23492

UniProt: [O95931](#)

## Application Details

Application Notes: WB 1:300-5000  
FCM 1:20-100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

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 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 12 months