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# anti-CBX7 antibody (C-Term)

**Images** 



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Quantity:	400 μL	
Target:	CBX7	
Binding Specificity:	AA 168-201, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CBX7 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This CBX7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 168-201 amino acids from the C-terminal region of human CBX7.	
Clone:	RB51547	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	CBX7	
Alternative Name:	CBX7 (CBX7 Products)	
Background:	Component of a Polycomb group (PcG) multiprotein PRC1- like complex, a complex class	

## **Target Details**

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. Promotes histone H3 trimethylation at 'Lys-9' (H3K9me3). Binds to trimethylated lysine residues in histones, and possibly also other proteins. Regulator of cellular lifespan by maintaining the repression of CDKN2A, but not by inducing telomerase activity.

Molecular Weight:

28341

UniProt:

095931

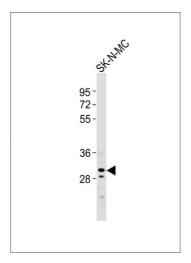
# **Application Details**

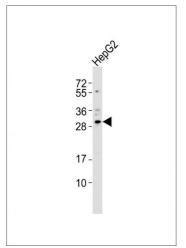
Application Notes: WB: 1:1000. WB: 1:500

Restrictions: For Research Use only

# Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
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:	4 °C,-20 °C	
Expiry Date:	6 months	





## **Western Blotting**

**Image 1.** Anti-CBX7 Antibody (C-term) at 1:500 dilution + SK-N-MC whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 28 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

#### **Western Blotting**

Image 2. Anti-CBX7 Antibody (C-term) at 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 28 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.