

Rabbit anti-Human CBX7 Polyclonal Antibody | anti-CBX7 antibody

CBX7 Antibody (C-term)

CATALOG # AAA289264	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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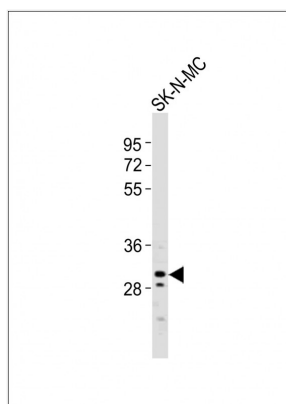
PRODUCT SYNONYMS

CBX7; Polyclonal Antibody; CBX7 Antibody (C-term); Chromobox protein homolog 7; anti-CBX7 antibody

PRODUCT SPECIFICATIONS

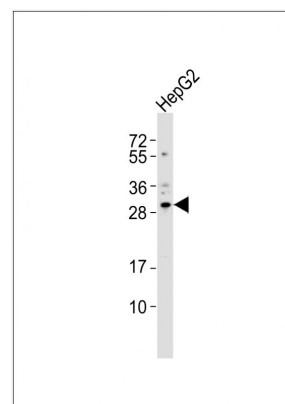
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CBX7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 168-201 amino acids from the C-terminal region of human CBX7.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	251
Applicable Applications for anti-CBX7 antibody	ELISA, WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-CBX7 Antibody (C-term) at 1:500 dilution + SK-N-MC whole cell lysates. Lysates/proteins at 20 ug 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.



WB (Western Blot)

Anti-CBX7 Antibody (C-term) at 1:1000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-CBX7 antibody	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. 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.
References	Dunham I.,et al.Nature 402:489-495(1999). Gil J.,et al.Nat. Cell Biol. 6:67-72(2004). Bezsonova I.,et al.Biochemistry 48:10542-10548(2009). Maertens G.N.,et al.PLoS ONE 4:E6380-E6380(2009). Li Q.,et al.PLoS ONE 5:E13732-E13732(2010).

NCBI AND UNIPROT INFORMATION

NCBI GI #	28372505
NCBI GeneID	23492
NCBI Accession #	NP_783640.1
NCBI GenBank Nucleotide #	NM_175709.3
UniProt Accession #	O95931; Q86T17
Molecular Weight	28341
NCBI Official Full Name	chromobox protein homolog 7
NCBI Official Synonym Full Names	chromobox homolog 7
NCBI Official Symbol	CBX7
NCBI Protein Information	chromobox protein homolog 7
UniProt Protein Name	Chromobox protein homolog 7
UniProt Gene Name	CBX7
UniProt Entry Name	CBX7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cbx7-antibody-western-blot-elisa/289264>