

Rabbit anti-Human, mouse CBX8 Polyclonal Antibody | anti-CBX8 antibody

CBX8 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288207	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

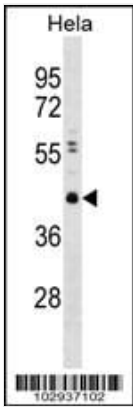
PRODUCT SYNONYMS

CBX8; Polyclonal Antibody; CBX8 Antibody (C-term); Chromobox protein homolog 8; Polycomb 3 homolog; Pc3; hPc3; Rectachrome 1; PC3; RC1; anti-CBX8 antibody

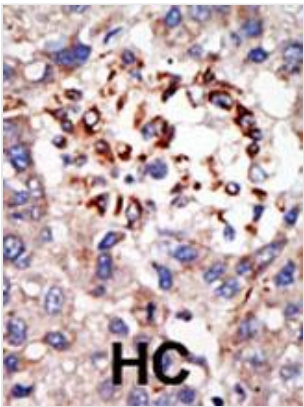
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CBX8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 306-337 amino acids from the C-terminal region of human CBX8.
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 Positions	306-337
Sequence Length	389
Applicable Applications for anti-CBX8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

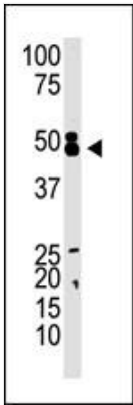
IMAGES



WB (Western Blot)
CBX8 Antibody (Y321) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the CBX8 antibody detected the CBX8 protein (arrow).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-CBX8 C-term Pab is used in Western blot to detect CBX8 in mouse kidney tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CBX8 antibody	Chromobox homolog 8 (CBX8 or Pc3) is a member of Drosophila Polycomb group gene family. The polycomb group (PcG) genes are essential for maintenance of appropriate expression patterns of developmental master regulators and thus are essential for proper development. Changes in expression of PcG proteins have been associated with cancer. CBX8 is involved in maintaining the transcriptionally repressive state of genes. It modifies chromatin, rendering it heritably changed in its expressibility. Structurally, CBX4 contains 1 chromo domain, which is 40 to 50 amino acids long.
References	Ota, T., et al., Nat. Genet. 36(1):40-45 (2004). Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Bardos, J.I., et al., J. Biol. Chem. 275(37):28785-28792 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	10190682
NCBI GeneID	57332
NCBI Accession #	NP_065700.1
NCBI GenBank Nucleotide #	NM_020649.2
UniProt Accession #	Q9HC52; Q96H39; Q9NR07

Molecular Weight	43396
NCBI Official Full Name	chromobox protein homolog 8
NCBI Official Synonym Full Names	chromobox homolog 8
NCBI Official Symbol	CBX8
NCBI Official Synonym Symbols	PC3; RC1
NCBI Protein Information	chromobox protein homolog 8
UniProt Protein Name	Chromobox protein homolog 8
UniProt Gene Name	CBX8
UniProt Synonym Gene Names	PC3; RC1; Pc3; hPc3
UniProt Entry Name	CBX8_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/cbx8-antibody-immunohistochemistry-western-blot-elisa/288207>