

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

CBX7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312546	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

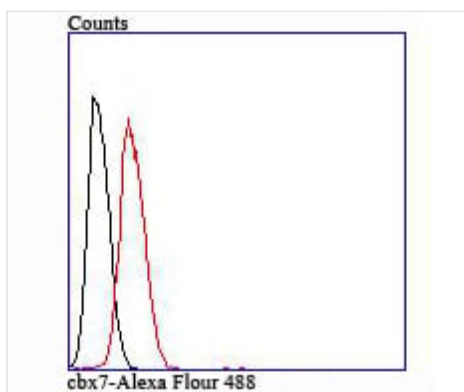
PRODUCT SYNONYMS

CBX7; Monoclonal Antibody; CBX7 Antibody; Cbx 7 antibody; CBX7 antibody; Chromobox homolog 7 antibody; Chromobox protein homolog 7 antibody; anti-CBX7 antibody

PRODUCT SPECIFICATIONS

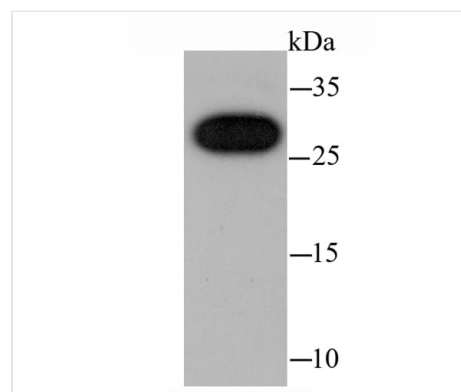
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CBX7 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with cbx7 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



WB (Western Blot)

Western blot analysis of cbx7 on A431 cell using anti-cbx7 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CBX7 antibody	CBX7 (Chromobox protein homolog 7) is a 251 amino acid nuclear protein that contains one N-terminal chromo domain 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.
Product Categories/Family for anti-CBX7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	28372505
NCBI GeneID	23492
NCBI Accession #	NP_783640
NCBI GenBank Nucleotide #	NM_175709
UniProt Accession #	O95931; Q86T17
Molecular Weight	28,341 Da
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/monoclonal/cbx7-antibody-flow-cytometry-western-blot-elisa/312546>