

Rabbit CBX2 Polyclonal Antibody | anti-CBX2 antibody

CBX2 antibody - N-terminal region

CATALOG # AAA200162	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CBX2; Polyclonal Antibody; CBX2 antibody - N-terminal region; anti-CBX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SS SSSSTSSSS SSDEEDSDL DAKRGPRGRE THPVPQKKAQ ILVAKPEL
Sequence Length	532
Applicable Applications for anti-CBX2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CBX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

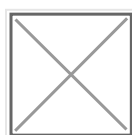
IMAGES


WB (Western Blot)

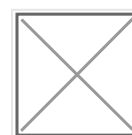
WB Suggested Anti-CBX2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human heart


WB (Western Blot)

Host: Rabbit Target Name: CBX2 Sample Type: Human Fetal Liver Antibody Dilution: 1.0ug/ml


WB (Western Blot)

Host: Rabbit Target Name: CBX2 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml


WB (Western Blot)

Host: Rabbit Target Name: CBX2 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CBX2 antibody	This is a rabbit polyclonal antibody against CBX2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CBX2 Contains 1 A.T hook DNA-binding domain and 1 chromo domain. CBX2 is a component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex 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.
Product Categories/Family for anti-CBX2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; Developmental Biology; Epigenetics; E3 & Ubiquitin; DNA/RNA/Protein Interactions; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	61743963
NCBI GeneID	84733
NCBI Accession #	NP_005180
NCBI GenBank Nucleotide #	NM_005189
UniProt Accession #	Q14781
Molecular Weight	56kDa
NCBI Official Full Name	chromobox protein homolog 2 isoform 1
NCBI Official Synonym Full Names	chromobox 2
NCBI Official Symbol	CBX2
NCBI Official Synonym Symbols	M33; CDCA6; SRXY5
NCBI Protein Information	chromobox protein homolog 2
UniProt Protein Name	Chromobox protein homolog 2
UniProt Gene Name	CBX2
UniProt Entry Name	CBX2_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/cbx2-antibody-western-blot-elisa/200162>