

Rabbit CBX3 Polyclonal Antibody | anti-CBX3 antibody

CBX3 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197869	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

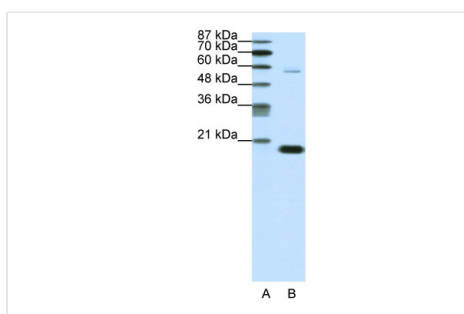
PRODUCT SYNONYMS

CBX3; Polyclonal Antibody; CBX3 antibody - middle region; anti-CBX3 antibody

PRODUCT SPECIFICATIONS

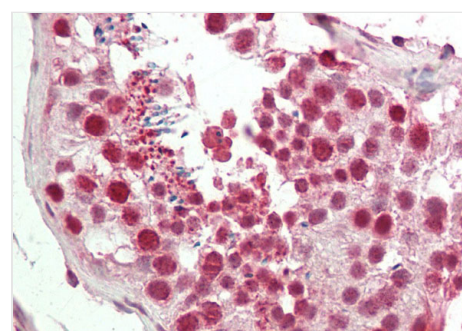
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: WE PEENLDCPEL IEAFLNSQKA GKEKDGTGRK SLSDSESDDS KSKKKRDA
Sequence Length	183
Applicable Applications for anti-CBX3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CBX3
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



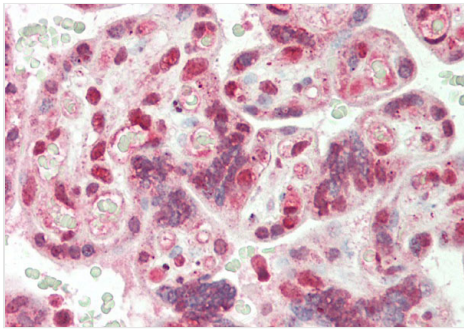
WB (Western Blot)

WB Suggested Anti-CBX3 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:12500
 Positive Control: Jurkat cell lysate
 CBX3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



IHC (Immunohistochemistry)

Rabbit Anti-CBX3 antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Testis
 Primary antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20x
 Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)
 Rabbit Anti-CBX3 antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Placenta
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 Magnification: 20x
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ADDITIONAL INFORMATION

Related Product Information for anti-CBX3 antibody	This is a rabbit polyclonal antibody against CBX3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. CBX3 binds DNA and is a component of heterochromatin. CBX3 also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of CBX3 may explain the association of heterochromatin with the inner nuclear membrane. At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene.
Product Categories/Family for anti-CBX3 antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Epigenetics; Membrane & Traffic; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	15082258
NCBI GeneID	11335
NCBI Accession #	NP_009207
NCBI GenBank Nucleotide #	NM_007276
UniProt Accession #	Q13185
Molecular Weight	21kDa
NCBI Official Full Name	chromobox protein homolog 3
NCBI Official Synonym Full Names	chromobox 3
NCBI Official Symbol	CBX3
NCBI Official Synonym Symbols	HECH; HP1-GAMMA; HP1Hs-gamma
NCBI Protein Information	chromobox protein homolog 3
UniProt Protein Name	Chromobox protein homolog 3
UniProt Gene Name	CBX3
UniProt Synonym Gene Names	HP1 gamma
UniProt Entry Name	CBX3_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/cbx3-antibody-western-blot-elisa/197869>