

Rabbit CBX5 Polyclonal Antibody | anti-CBX5 antibody

CBX5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197378	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

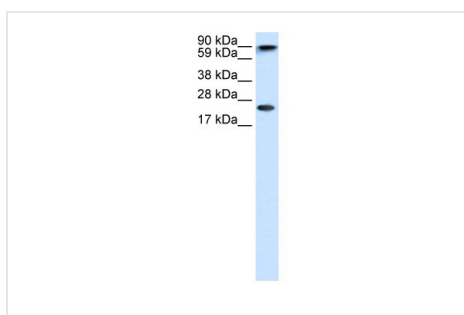
PRODUCT SYNONYMS

CBX5; Polyclonal Antibody; CBX5 antibody - middle region; anti-CBX5 antibody

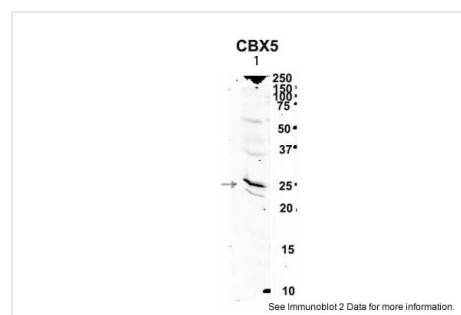
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A 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: KY KKMKEGENNK PREKSES NKR KSNFNSADD IKSKKKREQS NDIARGFE
Sequence Length	191
Applicable Applications for anti-CBX5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CBX5
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.

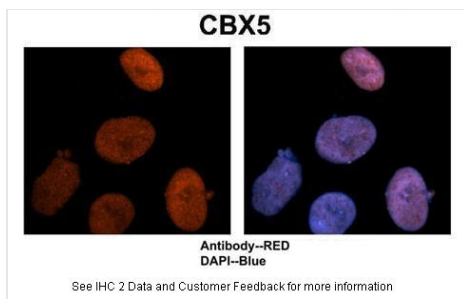
IMAGES


WB (Western Blot)

WB Suggested Anti-CBX5 Antibody Titration: 1.25ug/ml Positive Control: Human brain


WB (Western Blot)

Sample Type: Human NT-2
Sample Type: 1. Human NT-2 cells (60ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR
Bioscience
Secondary Antibody Dilution: 1: 20,000
Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science



IHC (Immunohistochemistry)

Sample Type :Human NT-2 cells Primary Antibody Dilution :1:500Secondary Antibody :Goat anti-rabbit Alexa-Fluor 594Secondary Antibody Dilution :1:1000Color/Signal Descriptions :CBX5: Red DAPI:BlueGene Name :CBX5Submitted by :Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

Related Product Information for anti-CBX5 antibody	This is a rabbit polyclonal antibody against CBX5. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: CBX5 is a methyl-lysine binding protein localized at heterochromatin sites, where it mediates gene silencing.
Product Categories/Family for anti-CBX5 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; Epigenetics; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912292
NCBI GeneID	23468
NCBI Accession #	NP_036249
NCBI GenBank Nucleotide #	NM_012117
UniProt Accession #	P45973
Molecular Weight	22kDa
NCBI Official Full Name	chromobox protein homolog 5
NCBI Official Synonym Full Names	chromobox 5
NCBI Official Symbol	CBX5
NCBI Official Synonym Symbols	HP1; HP1A; HEL25
NCBI Protein Information	chromobox protein homolog 5
UniProt Protein Name	Chromobox protein homolog 5
UniProt Gene Name	CBX5
UniProt Synonym Gene Names	HP1A; HP1 alpha
UniProt Entry Name	CBX5_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/cbx5-antibody-western-blot-immunohistochemistry-elisa/197378>