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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58370_P050-HRP
Product Page	www.avivasysbio.com/cbx2-antibody-middle-region-hrp-arp58370-p050-hrp.html
Name	CBX2 Antibody - middle region : HRP (ARP58370_P050-HRP)
Protein Size (# AA)	532 amino acids
Molecular Weight	56kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	84733
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Chromobox homolog 2
Alias Symbols	M33, CDCA6, SRXY5
Peptide Sequence	Synthetic peptide located within the following region: SDSDPDSASPPSTGQNPSVSVQTSQDWKPTRSLIEHVFVTDVTANLITVT
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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.
Protein Interactions	KRTAP10-3; KRTAP10-1; KRTAP10-9; KRTAP10-7; RBMY1F; DHX57; KRTAP2-4; RBMY1A1; RNF2; BMI1; MDFI; SOX2; GTF2I; PHC2; CSNK2B; CSNK2A2; CSNK2A1; CENPE; PARP1; CCDC158; DIS3L2; HIST4H4; CBX2; PARP12; RNF213; ZKSCAN7; DCAF6; KDM3A; MYCBP2; ANKRD26; PSME3; TRANK
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CBX2 (ARP58370_P050-HRP) antibody
Blocking Peptide	For anti-CBX2 (ARP58370_P050-HRP) antibody is Catalog# AAP58370 (Previous Catalog# AAPP33288)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CBX2
Uniprot ID	Q14781
Protein Name	Chromobox protein homolog 2
Sample Type Confirmation	CBX2 is supported by BioGPS gene expression data to be expressed in OVCAR3
Protein Accession #	NP_005180
Purification	Affinity Purified
Nucleotide Accession #	NM_005189
Gene Symbol	CBX2
Predicted Species Reactivity	Human, Rat, Cow, Horse, Pig
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 86%; Horse: 93%; Human: 100%; Pig: 79%; Rat: 79%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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