CBX2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CBX2, Polyclonal Antibody
Full Product Name	CBX2, ID (CBX2, Chromobox protein homolog 2) (MaxLight 550)
Product Gene Name	anti-CBX2 antibody
Product Synonym Names	CBX2; Chromobox protein homolog 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	532
Chromosome Location	Chromosome: 17; NC_000017.10 (77751977..77761449). Location: 17q25.3
OMIM	602770
3D Structure	ModBase 3D Structure for Q14781
Immunogen	CBX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-166 amino acids from the Central region of human CBX2.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-CBX2 antibody	Antibodies; Chromatin Proteins
Applications Tested/Suitable for anti-CBX2 antibody	Western Blot (WB), FLISA
Application Notes for anti-CBX2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CBX2 antibody	This gene encodes a component of the polycomb multiprotein complex, which is required to maintain the transcriptionally repressive state of many genes throughout development via chromatin remodeling and modification of histones. Disruption of this gene in mice results in male-to-female gonadal sex reversal. Mutations in this gene are also associated with gonadal dysgenesis in humans. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Product References and Citations for anti-CBX2 antibody	Biason-Lauber, A., et al. Am. J. Hum. Genet. 84(5):658-663(2009). Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009). Agrawal, N., et al. PLoS ONE 3 (12), E4032 (2008): Garcia, E., et al. EMBO J. 18(12):3404-3418(1999). Katoh-Fukui, Y., et al. Nature 393(6686):688-692(1998).

Other Notes	Small volumes of anti-CBX2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CBX2 purchase	MBS6281185 is an antibody targeting CBX2. Also known as CBX2, ID (CBX2, Chromobox protein homolog 2) (MaxLight 550). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBX2. It may not necessarily be applicable to this product.

NCBI GI #	61743963
NCBI GeneID	84733
NCBI Accession #	NP_005180.1
NCBI Related Accession #	NP_116036.1
UniProt Primary Accession #	Q14781
UniProt Secondary Accession #	Q0VDA5; Q9BTB1
UniProt Related Accession #	Q14781
GenBank Nucleotide #	NM_005189.2
NCBI Official Full Name	chromobox protein homolog 2 isoform 1
NCBI Official Synonym Full Names	chromobox homolog 2
NCBI Official Symbol	CBX2
NCBI Official Synonym Symbols	M33; CDCA6; SRXY5
UniProt Protein Name	Chromobox protein homolog 2
Protein Family	Chromobox protein
UniProt Gene Name	CBX2
UniProt Entry Name	CBX2_HUMAN
NCBI Protein Information	chromobox protein homolog 2; modifier 3; Pc class homolog; cell division cycle associated 6; chromobox homolog 2 (Pc class homolog, Drosophila)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/cbx2/6281185