# CBX7 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | CBX7, Polyclonal Antibody |
| **Full Product Name** | CBX7 (Chromobox Protein Homolog 7, CBX7) (MaxLight 650) |
| **Product Gene Name** | anti-CBX7 antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human CBX7. Species Crossreactivity: human |
| **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: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 28,341 Da |
| **OMIM** | 608457 |
| **3D Structure** | ModBase 3D Structure for O95931 |
| **Immunogen** | KLH conjugated synthetic peptide corresponding to aa168-201 at the C-terminal region of human CBX7. |
| **Conjugate** | MaxLight650 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-CBX7 antibody** | Antibodies; Chromatin Proteins |
| **Applications Tested/Suitable for anti-CBX7 antibody** | Western Blot (WB) |
| **Application Notes for anti-CBX7 antibody** | WB: 1:1000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-CBX7 antibody** | MBS6454828 is an antibody targeting CBX7. Also known as CBX7 (Chromobox Protein Homolog 7, CBX7) (MaxLight 650). Reactive in Human. Host: Rabbit. |
| **Product References and Citations for anti-CBX7 antibody** | Dunham I., et al. Nature 402:489-495(1999). Gil J., et al. Nat. Cell Biol. 6:67-72(2004). Bezsonova I., et al. Biochemistry 48:10542-10548(2009). Maertens G.N., et al. PLoS ONE 4:E6380-E6380(2009). Li Q., et al. PLoS ONE 5:E13732-E13732(2010). |
| **Other Notes** | Small volumes of anti-CBX7 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. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBX7. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 28372505 |
| **NCBI GeneID** | 23492 |
| **NCBI Accession #** | NP_783640 |
| **UniProt Primary Accession #** | O95931 |
| **UniProt Secondary Accession #** | Q86T17 |
| **UniProt Related Accession #** | O95931 |
| **GenBank Nucleotide #** | NM_175709 |
| **NCBI Official Full Name** | chromobox protein homolog 7 |
| **NCBI Official Synonym Full Names** | chromobox homolog 7 |
| **NCBI Official Symbol** | CBX7 |
| **UniProt Protein Name** | Chromobox protein homolog 7 |
| **Protein Family** | Chromobox protein |
| **UniProt Gene Name** | CBX7 |
| **UniProt Entry Name** | CBX7_HUMAN |
| **NCBI Protein Information** | chromobox protein homolog 7 |
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