

CBX8 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14665c**Specification**

CBX8 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9HC52](#)

CBX8 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 57332

Other Names

Chromobox protein homolog 8, Polycomb 3 homolog, Pc3, hPc3, Rectachrome 1, CBX8, PC3, RC1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CBX8 Antibody (Center) Blocking Peptide - Protein Information

Name CBX8

Synonyms PC3, RC1

Function

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class 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.

Cellular Location

Nucleus.

CBX8 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CBX8 Antibody (Center) Blocking Peptide - Images**CBX8 Antibody (Center) Blocking Peptide - Background**

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.

CBX8 Antibody (Center) Blocking Peptide - References

Dietrich, N., et al. EMBO J. 26(6):1637-1648(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Stelzl, U., et al. Cell 122(6):957-968(2005)Obuse, C., et al. Genes Cells 9(2):105-120(2004)Levine, S.S., et al. Mol. Cell. Biol. 22(17):6070-6078(2002)