

CBX8 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20869c**Specification**

CBX8 Blocking Peptide (C-term) - Product Information

Primary Accession [O9HC52](#)
Other Accession [O9QXV1](#)

CBX8 Blocking Peptide (C-term) - Additional Information

Gene ID 57332

Other Names

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

Target/Specificity

The synthetic peptide sequence is selected from aa 374-389 of HUMAN CBX8

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 Blocking Peptide (C-term) - 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 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

CBX8 Blocking Peptide (C-term) - Images

CBX8 Blocking Peptide (C-term) - Background

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CBX8 Blocking Peptide (C-term) - References

Bardos J.I., et al. J. Biol. Chem. 275:28785-28792(2000).
Michael M.Z., et al. Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Garcia-Cuellar M.P., et al. Oncogene 20:411-419(2001).
Levine S.S., et al. Mol. Cell. Biol. 22:6070-6078(2002).