

**CBX8 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20869c****Specification**

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**CBX8 Antibody (C-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">O9HC52</a> |
| Other Accession   | <a href="#">O9QXV1</a> |
| Reactivity        | Mouse                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 43396                  |

**CBX8 Antibody (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**

This CBX8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 374-409 amino acids from the C-terminal region of human CBX8.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CBX8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CBX8 Antibody (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**

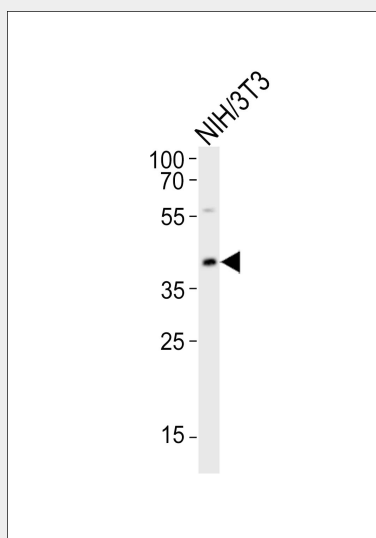
Nucleus.

**CBX8 Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CBX8 Antibody (C-term) - Images**



Western blot analysis of lysate from mouse NIH/3T3 cell line, using CBX8 Antibody (C-term)(Cat. #AP20869c). AP20869c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

**CBX8 Antibody (C-term) - Background**

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.

**CBX8 Antibody (C-term) - References**

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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).