

## CBX4 / PC2 (N-term) Control Peptide

- Alternate names:** Chromobox protein homolog 4, E3 SUMO-protein ligase CBX4, Polycomb 2 homolog
- Catalog No.:** AP55488CP-N
- Quantity:** 50 µg
- Concentration:** 0.2 mg/ml
- Uniprot ID:** [O00257](#)
- NCBI:** [NP\\_003646](#)
- GeneID:** [8535](#)
- Format:** **State:** Liquid peptide  
**Buffer System:** PBS pH 7.2 (10 mM NaH<sub>2</sub>PO<sub>4</sub>, 10 mM Na<sub>2</sub>HPO<sub>4</sub>, 130 mM NaCl) containing 0.1% BSA and 0.02% Sodium azide
- Applications:** The peptide is used for blocking the activity of CBX4 antibody (Cat.-No. AP55488PU-N). It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
- Specificity:** Control peptide for AP55488PU-N. Peptide containing 17 amino acid peptide near the amino terminus of human CBX4 / PC2.  
**Species:** Human  
Other species not tested.
- Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
- General Readings:** Simon JA and Tamkun JW. Programming off and on states in chromatin: mechanisms of Polycomb and trithorax group complexes. *Curr. Opin. Genet. Dev.* 2002;12:210-8.
- Pictures:** Western blot analysis of CBX4 in human brain tissue lysate with CBX4 antibody Cat.-No AP55488PU-N at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide 'Cat.-No. AP55488CP-N.

