

**CXXC1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16472c****Specification**

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**CXXC1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9P0U4](#)**CXXC1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 30827**Other Names**

CXXC-type zinc finger protein 1, CpG-binding protein, PHD finger and CXXC domain-containing protein 1, CXXC1, CFP1, CGBP, PCCX1, PHF18

**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.

**CXXC1 Antibody (Center) Blocking Peptide - Protein Information****Name** CXXC1**Synonyms** CFP1, CGBP, PCCX1, PHF18**Function**

Transcriptional activator that exhibits a unique DNA binding specificity for CpG unmethylated motifs with a preference for CpGG.

**Cellular Location**

Nucleus speckle. Nucleus {ECO:0000250|UniProtKB:Q9CWW7} Note=Associated with euchromatin. During mitosis, excluded from condensed chromosomes

**Tissue Location**

Ubiquitous.

**CXXC1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **CXXC1 Antibody (Center) Blocking Peptide - Images**

### **CXXC1 Antibody (Center) Blocking Peptide - Background**

Proteins that contain a CXXC motif within their DNA-binding domain, such as CXXC1, recognize CpG sequences and regulate gene expression (Carlone and Skalnik, 2001 [PubMed11604496]).

### **CXXC1 Antibody (Center) Blocking Peptide - References**

Crowther-Swanepoel, D., et al. Nat. Genet. 42(2):132-136(2010) Tate, C.M., et al. Mol. Cell. Biol. 29(14):3817-3831(2009) Butler, J.S., et al. DNA Cell Biol. 27(10):533-543(2008) Ansari, K.I., et al. Biochim. Biophys. Acta 1779(1):66-73(2008) Lee, J.H., et al. Mol. Cell. Biol. 28(2):609-618(2008)