

CXXC1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16472c**Specification**

CXXC1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9P0U4
Other Accession	O9CWW7 , NP_055408.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	75712
Antigen Region	326-354

CXXC1 Antibody (Center) - 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

Target/Specificity

This CXXC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 326-354 amino acids from the Central region of human CXXC1.

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

CXXC1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CXXC1 Antibody (Center) - 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

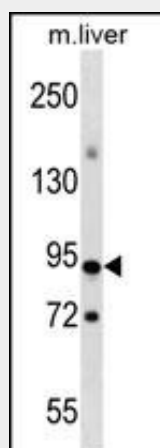
Ubiquitous.

CXXC1 Antibody (Center) - 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](#)

CXXC1 Antibody (Center) - Images



CXXC1 Antibody (Center) (Cat. #AP16472c) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the CXXC1 antibody detected the CXXC1 protein (arrow).

CXXC1 Antibody (Center) - 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 [PubMed 11604496]).

CXXC1 Antibody (Center) - 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)