

**CHFR Antibody (C-term) Blocking Peptide**

Synthetic peptide

Catalog # BP14431b

**Specification**

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**CHFR Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession

[Q96EP1](#)**CHFR Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 55743

**Other Names**

E3 ubiquitin-protein ligase CHFR, 632-, Checkpoint with forkhead and RING finger domains protein, RING finger protein 196, CHFR, RNF196

**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.

**CHFR Antibody (C-term) Blocking Peptide - Protein Information**

Name CHFR

Synonyms RNF196

**Function**

E3 ubiquitin-protein ligase that functions in the antephasic checkpoint by actively delaying passage into mitosis in response to microtubule poisons. Acts in early prophase before chromosome condensation, when the centrosome move apart from each other along the periphery of the nucleus. Probably involved in signaling the presence of mitotic stress caused by microtubule poisons by mediating the 'Lys- 48'-linked ubiquitination of target proteins, leading to their degradation by the proteasome. Promotes the ubiquitination and subsequent degradation of AURKA and PLK1. Probably acts as a tumor suppressor, possibly by mediating the polyubiquitination of HDAC1, leading to its degradation. May also promote the formation of 'Lys-63'- linked polyubiquitin chains and functions with the specific ubiquitin- conjugating UBC13-MMS2 (UBE2N-UBE2V2) heterodimer. Substrates that are polyubiquitinated at 'Lys-63' are usually not targeted for degradation, but are rather involved in signaling cellular stress.

**Cellular Location**

Nucleus, PML body

**Tissue Location**

Ubiquitous..

**CHFR Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CHFR Antibody (C-term) Blocking Peptide - Images****CHFR Antibody (C-term) Blocking Peptide - Background**

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**CHFR Antibody (C-term) Blocking Peptide - References**

Soutto, M., et al. Cancer 116(17):4033-4042(2010)Kim, J.M., et al. Biochem. Biophys. Res. Commun. 395(4):515-520(2010)Hiraki, M., et al. World J. Gastroenterol. 16(3):330-338(2010)Baba, S., et al. Oncol. Rep. 22(5):1173-1179(2009)Gao, Y., et al. Int. J. Biol. Markers 24(2):83-89(2009)