

CHFR Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP14431b

Specification

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)