

CHAF1A Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5749b**Specification**

CHAF1A Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O13111](#)
Other Accession [NP_005474](#)

CHAF1A Antibody (C-term) Blocking peptide - Additional Information

Gene ID 10036

Other Names

Chromatin assembly factor 1 subunit A, CAF-1 subunit A, Chromatin assembly factor I p150 subunit, CAF-I 150 kDa subunit, CAF-I p150, hp150, CHAF1A, CAF, CAF1P150

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.

CHAF1A Antibody (C-term) Blocking peptide - Protein Information

Name CHAF1A ([HGNC:1910](#))

Synonyms CAF, CAF1P150

Function

Core component of the CAF-1 complex, a complex that is thought to mediate chromatin assembly in DNA replication and DNA repair. Assembles histone octamers onto replicating DNA in vitro. CAF-1 performs the first step of the nucleosome assembly process, bringing newly synthesized histones H3 and H4 to replicating DNA; histones H2A/H2B can bind to this chromatin precursor subsequent to DNA replication to complete the histone octamer. It may play a role in heterochromatin maintenance in proliferating cells by bringing newly synthesized cbx proteins to heterochromatic DNA replication foci.

Cellular Location

Nucleus. Note=DNA replication foci

CHAF1A Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CHAF1A Antibody (C-term) Blocking peptide - Images

CHAF1A Antibody (C-term) Blocking peptide - Background

Chromatin assembly factor I (CAF1) is a nuclear complex consisting of p50, p60 (CHAF1B; MIM 601245), and p150 (CHAF1A) subunits that assembles histone octamers onto replicating DNA invitro (Kaufman et al., 1995 [PubMed 7600578]).

CHAF1A Antibody (C-term) Blocking peptide - References

Murzina, N., et al. Mol. Cell 4(4):529-540(1999) Shibahara, K., et al. Cell 96(4):575-585(1999) Marheineke, K., et al. J. Biol. Chem. 273(24):15279-15286(1998) Verreault, A., et al. Cell 87(1):95-104(1996)