

CHAF1B Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9320b**Specification**

CHAF1B Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O13112](#)**CHAF1B Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 8208**Other Names**

Chromatin assembly factor 1 subunit B, CAF-1 subunit B, Chromatin assembly factor I p60 subunit, CAF-I 60 kDa subunit, CAF-I p60, M-phase phosphoprotein 7, CHAF1B, CAF1A, CAF1P60, MPHOSPH7, MPP7

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.

CHAF1B Antibody (C-term) Blocking Peptide - Protein Information**Name** CHAF1B ([HGNC:1911](#))**Function**

Acts as a component of the histone chaperone complex chromatin assembly factor 1 (CAF-1), which assembles histone octamers onto DNA during replication and repair. 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.

Cellular Location

Nucleus. Cytoplasm. Note=DNA replication foci. Cytoplasmic in M phase

CHAF1B Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CHAF1B Antibody (C-term) Blocking Peptide - Images**CHAF1B Antibody (C-term) Blocking Peptide - Background**

CHAF1B is required for the assembly of histone octamers onto newly-replicated DNA. CHAF1B is composed of three protein subunits, p50, p60, and p150. The protein corresponds to the p60 subunit and is required for chromatin assembly after replication. The encoded protein is differentially phosphorylated in a cell cycle-dependent manner. In addition, it is normally found in the nucleus except during mitosis, when it is released into the cytoplasm. This protein is a member of the WD-repeat HIR1 family and may also be involved in DNA repair.

CHAF1B Antibody (C-term) Blocking Peptide - References

Loyola,A., et.al., EMBO Rep. 10 (7), 769-775 (2009)Staibano,S., et.al., Histopathology 54 (5), 580-589 (2009)Morita,M., et.al., Mol. Cell. Biol. 27 (13), 4980-4990 (2007)