

CNOT8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6521b**Specification**

CNOT8 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UFF9](#)**CNOT8 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 9337**Other Names**

CCR4-NOT transcription complex subunit 8, CAF1-like protein, CALIFp, CAF2, CCR4-associated factor 8, Caf1b, CNOT8, CALIF, POP2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6521b](/products/AP6521b) was selected from the C-term region of human CNOT8. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CNOT8 Antibody (C-term) Blocking Peptide - Protein Information**Name** CNOT8**Synonyms** CALIF, POP2**Function**

Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. Its function seems to be partially redundant with that of CNOT7. Catalytic component of the CCR4-NOT complex which is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. During miRNA-mediated repression the complex seems also to act as translational repressor during translational initiation. Additional complex functions may be a consequence of its influence on mRNA expression. Associates with members of the BTG family such as TOB1 and BTG2 and is required for their anti-proliferative activity.

Cellular Location

Cytoplasm. Nucleus

CNOT8 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CNOT8 Antibody (C-term) Blocking Peptide - Images**CNOT8 Antibody (C-term) Blocking Peptide - Background**

Ubiquitous transcription factor required for a diverse set of processes. The CCR4-NOT complex functions as general transcription regulation complex.

CNOT8 Antibody (C-term) Blocking Peptide - References

Morel,A.P., J. Cell. Sci. 116 (PT 14), 2929-2936 (2003)Prevot,D., J. Biol. Chem. 276 (13), 9640-9648 (2001)