

CNOT8 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12889a**Specification**

CNOT8 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q9UFF9](#)

CNOT8 Antibody (N-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

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 (N-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 (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CNOT8 Antibody (N-term) Blocking peptide - Images

CNOT8 Antibody (N-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 (N-term) Blocking peptide - References

Ruan, L., et al. J. Biol. Chem. 285(36):27624-27631(2010)Marchese, F.P., et al. J. Biol. Chem. 285(36):27590-27600(2010)Piao, X., et al. Mol. Cell. Biol. 30(6):1486-1494(2010)Lau, N.C., et al. Biochem. J. 422(3):443-453(2009)Aslam, A., et al. Mol. Biol. Cell 20(17):3840-3850(2009)