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CNOT8 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP6521b

Specification

CNOT8 Antibody (C-term) Blocking Peptide - Product Information

Primary 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 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)