

CNOT6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18775b**Specification**

CNOT6 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9ULM6](#)**CNOT6 Antibody (C-term) Blocking Peptide - Additional Information****Other Names**

CCR4-NOT transcription complex subunit 6, CCR4 carbon catabolite repression 4-like, Carbon catabolite repressor protein 4 homolog, Cytoplasmic deadenylase, CNOT6, CCR4, CCR4a, KIAA1194

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.

CNOT6 Antibody (C-term) Blocking Peptide - Protein Information**Name** CNOT6**Synonyms** CCR4, CCR4a, KIAA1194**Function**

Poly(A) nuclease with 3'-5' RNase activity. Catalytic component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Involved in mRNA decay mediated by the major-protein-coding determinant of instability (mCRD) of the FOS gene in the cytoplasm. In the presence of ZNF335, enhances ligand-dependent transcriptional activity of nuclear hormone receptors, including RARA. The increase of ligand-dependent ESR1-mediated transcription is much smaller, if any. Mediates cell proliferation and cell survival and prevents cellular senescence.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q96LI5}. Nucleus {ECO:0000250|UniProtKB:Q96LI5}.
Note=Predominantly cytoplasmic {ECO:0000250|UniProtKB:Q96LI5}

CNOT6 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CNOT6 Antibody (C-term) Blocking Peptide - Images**CNOT6 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a subunit of theCCR4-NOT core transcriptional regulation complex. The encodedprotein has a 3'-5' RNase activity and prefers polyadenylatedsubstates.

CNOT6 Antibody (C-term) Blocking Peptide - References

Edwards, T.L., et al. Ann. Hum. Genet. 74(2):97-109(2010)Lau, N.C., et al. Biochem. J. 422(3):443-453(2009)Sanchez-Perez, I., et al. Cancer Lett. 273(2):281-291(2009)Garapaty, S., et al. J. Biol. Chem. 283(11):6806-6816(2008)Morita, M., et al. Mol. Cell. Biol. 27(13):4980-4990(2007)