

CNOT8 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12889a**Specification**

CNOT8 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9UFF9
Other Accession	O9D8X5 , NP_004770.4
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33540
Antigen Region	33-60

CNOT8 Antibody (N-term) - 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

This CNOT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-60 amino acids from the N-terminal region of human CNOT8.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CNOT8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CNOT8 Antibody (N-term) - 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 also seems 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.

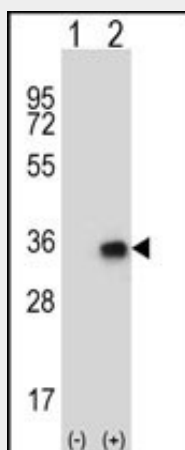
Cellular Location

Cytoplasm. Nucleus

CNOT8 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CNOT8 Antibody (N-term) - Images

Western blot analysis of CNOT8 (arrow) using rabbit polyclonal CNOT8 Antibody (N-term) (Cat. #AP12889a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CNOT8 gene.

CNOT8 Antibody (N-term) - 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) - 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)