

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 Q9D8X5, NP_004770.4

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region

Human
Mouse
Rabbit
Polyclonal
Rabbit IgG
33540
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.

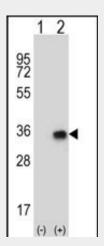
Cellular Location Cytoplasm. Nucleus

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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- 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)