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Datasheet for ABIN7184433  
**anti-CNOT7 antibody (N-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	CNOT7
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human CNOT7.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Target Details

Target:	CNOT7
Alternative Name:	CNOT7 ( <a href="#">CNOT7 Products</a> )
Background:	Background: Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. Its

## Target Details

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function seems to be partially redundant with that of CNOT8. 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. 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.

Bogdan J.A., Biochem. J. 336:471-481(1998).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Aliases: BTG1 binding factor 1 antibody, BTG1-binding factor 1 antibody, CAF 1 antibody, CAF-1 antibody, CAF1 antibody, Carbon catabolite repressor protein (CCR4) associative factor 1 antibody, CCR4 associated factor 1 antibody, CCR4 NOT transcription complex subunit 7 antibody, CCR4-associated factor 1 antibody, CCR4-NOT transcription complex subunit 7 antibody, CNOT 7 antibody, Cnot7 antibody, CNOT7\_HUMAN antibody, hCAF 1 antibody, hCAF1 antibody

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UniProt: [Q9UIV1](#)

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Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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Application Notes: WB:1:500-1:3000,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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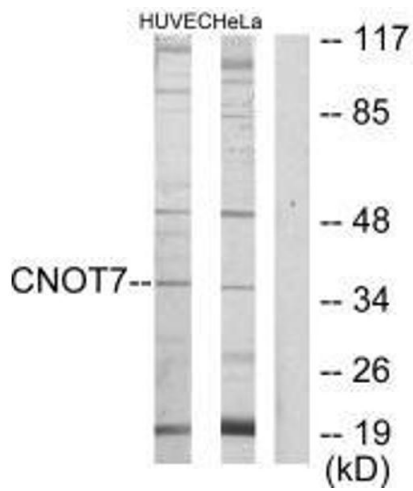
Storage: -20 °C,-80 °C

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## Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts from HUVEC cells and HeLa cells, using CNOT7 antibody.