

**CNOT7 Rabbit pAb**  
**Catalog # AP53529****Specification**

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**CNOT7 Rabbit pAb - Product Information**

Application	WB, IHC, FC, IP
Primary Accession	<a href="#">Q60809</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	32718

**CNOT7 Rabbit pAb - Additional Information****Gene ID** 18983**Other Names**

CCR4-NOT transcription complex subunit 7, 3.1.13.4, CCR4-associated factor 1, CAF-1, Cnot7, Caf1

**Dilution**WB~~1:1000  
IHC~~1:100~500  
FC~~1:10~50  
IP~~N/A**CNOT7 Rabbit pAb - Protein Information****Name** Cnot7**Synonyms** Caf1**Function**

Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. Its 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 also seems to act as translational repressor during translational initiation. Additional complex functions may be a consequence of its influence on mRNA expression. Required for miRNA-mediated mRNA deadenylation. Associates with members of the BTG family such as TOB1 and BTG2 and is required for their anti-proliferative activity.

**Cellular Location**

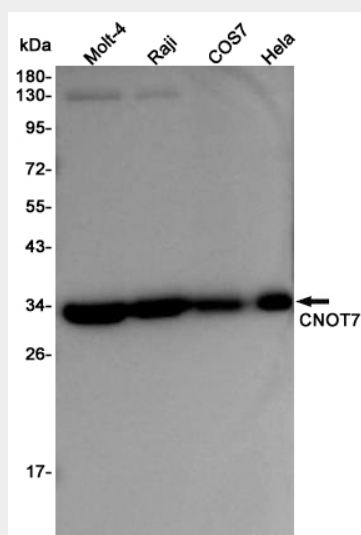
Nucleus. Cytoplasm, P-body. Cytoplasm, Cytoplasmic ribonucleoprotein granule {ECO:0000250|UniProtKB:Q9UIV1}. Note=NANOS2 promotes its localization to P-body (PubMed:20133598). Recruited to cytoplasmic ribonucleoprotein membraneless compartments by CAPRIN1, promoting deadenylation of mRNAs (By similarity) {ECO:0000250|UniProtKB:Q9UIV1, ECO:0000269|PubMed:20133598}

## CNOT7 Rabbit pAb - 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](#)

## CNOT7 Rabbit pAb - Images



Western blot detection of CNOT7 in Molt-4,Raji,COS7,HeLa cell lysates using CNOT7 Rabbit pAb(1:1000 diluted).Predicted band size:33KDa.Observed band size:33KDa.