

CNOT7 Rabbit pAb

Catalog # AP53529

Product Information

Application	WB, IHC, FC, IP
Primary Accession	Q60809
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	32718

Additional Information

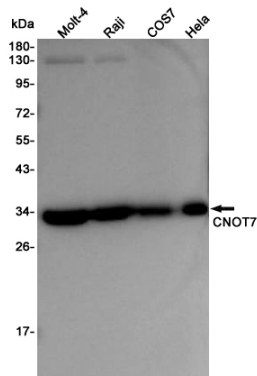
Gene ID	18983
Other Names	CCR4-NOT transcription complex subunit 7, 3.1.13.4, CCR4-associated factor 1, CAF-1, Cnot7, Caf1
Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 IP~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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}

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.