

**CNO6L Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5207a****Specification**

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**CNO6L Antibody (C-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q96LI5</a>
Other Accession	<a href="#">Q8VEG6</a> , <a href="#">Q5XH73</a> , <a href="#">Q6IR85</a> , <a href="#">Q8K3P5</a>
Reactivity	Human
Predicted	Xenopus, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	414-442

**CNO6L Antibody (C-term) - Additional Information****Gene ID** 246175**Other Names**

CNOT6L; CCR4B; CCR4-NOT transcription complex subunit 6-like; Carbon catabolite repressor protein 4 homolog B

**Target/Specificity**

This CNO6L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 414-442 amino acids from the C-terminal region of human CNO6L.

**Dilution**WB~~1:1000  
IHC-P~~1:50~100**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**

CNO6L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CNO6L Antibody (C-term) - Protein Information****Name** CNOT6L

**Synonyms** CCR4B {ECO:0000303|PubMed:17452450}

**Function** Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. 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. Additional complex functions may be a consequence of its influence on mRNA expression. May be involved in the deadenylation-dependent degradation of mRNAs through the 3'-UTR AU-rich element-mediated mechanism. Involved in deadenylation-dependent degradation of CDKN1B mRNA. Its mRNA deadenylase activity can be inhibited by TOB1. Mediates cell proliferation and cell survival and prevents cellular senescence.

**Cellular Location**

Cytoplasm. Nucleus Note=Predominantly cytoplasmic.

**Tissue Location**

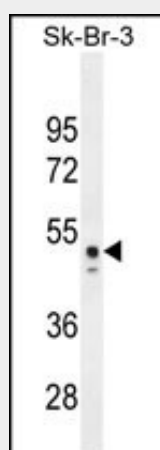
Highly expressed in placenta, skeletal muscle, pancreas, testis and leukocytes. Weakly expressed in heart, spleen and thymus.

**CNO6L Antibody (C-term) - Protocols**

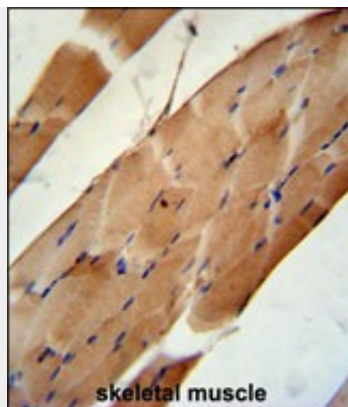
Provided below are standard protocols that you may find useful for product applications.

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

**CNO6L Antibody (C-term) - Images**



CNO6L Antibody (C-term) (Cat. #AP5207a) western blot analysis in Sk-Br-3 cell line tissue lysates (35ug/lane). This demonstrates the CNO6L antibody detected the CNO6L protein (arrow).



CNO6L Antibody (C-term) (Cat. #AP5207a) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CNO6L Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **CNO6L Antibody (C-term) - Background**

CNO6L plays a role in the deadenylation of mRNAs in the cytoplasm. CNO6L has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. CNO6L may be involved in the deadenylation-dependent degradation of mRNAs through the 3'-UTR AU-rich element-mediated mechanism. This protein involved in deadenylation-dependent degradation of CDKN1B mRNA.

#### **CNO6L Antibody (C-term) - References**

Miyasaka, T., et al. Cancer Sci. 99(4):755-761(2008)  
Morita, M., et al. Mol. Cell. Biol. 27(13):4980-4990(2007)  
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)