

Product Name: CNOT7 Rabbit Monoclonal Antibody**Catalog #: AMRe86524**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:500-1:1000,FC 1:200-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW:33 kDa; Observed MW:33 kDa

Antigen Information

Gene Name	CNOT7
Alternative Names	Caf1; Pop2; CAF-1; AU022737
Gene ID	18983
SwissProt ID	Q60809
Immunogen	A synthetic peptide of mouse CNOT7

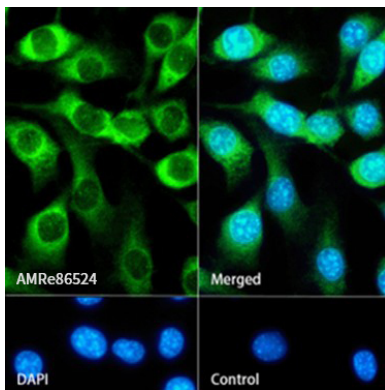
Background

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 seems also 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.

Research Area

Image Data



Immunofluorescence analysis of NIH/3T3 cells labelling CNOT7 with CNOT7 Rabbit Monoclonal Antibody.