CNO6L Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CNO6L, Polyclonal Antibody
Full Product Name	CNO6L, CT (CNOT6L, CCR4B, CCR4-NOT transcription complex subunit 6-like, Carbon catabolite repressor protein 4 homolog B) (MaxLight 490)
Product Gene Name	anti-CNO6L antibody
Product Synonym Gene Name	CNOT6L
Product Synonym Names	CNOT6L; CCR4B; CCR4-NOT transcription complex subunit 6-like; Carbon catabolite repressor protein 4 homolog B
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CNO6L.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	63,001 Da
3D Structure	ModBase 3D Structure for Q96LI5
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 414-442 in the C-terminal region of human CNO6L, UniProt Accession #Q96LI5. Species sequence homology: mouse, xenopus
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-CNO6L antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-CNO6L antibody	Immunohistochemistry (IHC), Western Blot (WB), FLISA
Application Notes for anti-CNO6L antibody	IHC: 1:50-1:100 WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-CNO6L antibody	MBS6287268 is an antibody targeting CNO6L. Also known as CNO6L, CT (CNOT6L, CCR4B, CCR4-NOT transcription complex subunit 6-like, Carbon catabolite repressor protein 4 homolog B) (MaxLight 490). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-CNO6L antibody	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).

Other Notes	Small volumes of anti-CNO6L antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNO6L. It may not necessarily be applicable to this product.

NCBI GI #	166216089
NCBI GeneID	246175
NCBI Accession #	Q96LI5.2
UniProt Primary Accession #	Q96LI5
UniProt Secondary Accession #	Q9UF92
UniProt Related Accession #	Q96LI5
NCBI Official Full Name	CCR4-NOT transcription complex subunit 6-like
NCBI Official Synonym Full Names	CCR4-NOT transcription complex, subunit 6-like
NCBI Official Symbol	CNOT6L
NCBI Official Synonym Symbols	CCR4b
UniProt Protein Name	CCR4-NOT transcription complex subunit 6-like
UniProt Synonym Protein Names	Carbon catabolite repressor protein 4 homolog B
UniProt Gene Name	CNOT6L
UniProt Synonym Gene Names	CCR4B
UniProt Entry Name	CNO6L_HUMAN
NCBI Protein Information	CCR4-NOT transcription complex subunit 6-like; carbon catabolite repressor protein 4 homolog B
UniProt Comments for CNO6L	CNOT6L: Plays a role in the deadenylation of mRNAs in the cytoplasm. Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. 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. Belongs to the CCR4/nocturin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Hydrolase; EC 3.1.13.4 Chromosomal Location of Human Ortholog: 4q13.3 Cellular Component: cytoplasm; cytosol; nucleus; CCR4-NOT complex Molecular Function: protein binding; poly(A)-specific ribonuclease activity; metal ion binding Biological Process: regulation of translation; poly(A) tail shortening; transcription, DNA-dependent; regulation of transcription, DNA-dependent; positive regulation of cell proliferation; RNA-mediated gene silencing; gene expression; mRNA catabolic process, deadenylation-dependent decay
Research Articles on CNO6L	**1.** Cnot6L, a validated target of miR-146a, affects the stability of Zeb1 mRNA.
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