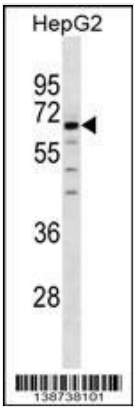
CNOT6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CNOT6, Polyclonal Antibody
Full Product Name	CNOT6, CT (CNOT6, CCR4, KIAA1194, CCR4-NOT transcription complex subunit 6, CCR4 carbon catabolite repression 4-like, Carbon catabolite repressor protein 4 homolog, Cytoplasmic deadenylase) (APC)
Product Gene Name	anti-CNOT6 antibody
Product Synonym Names	CNOT6; CCR4; KIAA1194; CCR4-NOT transcription complex subunit 6; CCR4 carbon catabolite repression 4-like; Carbon catabolite repressor protein 4 homolog; Cytoplasmic deadenylase
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 Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	63,307 Da
OMIM	608951
3D Structure	ModBase 3D Structure for Q9ULM6
Immunogen	CNOT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic between 415-442 amino acids selected from the C-terminal region of human CNOT6.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-CNOT6 antibody	Antibodies; DEAD Box Proteins
Applications Tested/Suitable for anti-CNOT6 antibody	Western Blot (WB), FLISA
Application Notes for anti-CNOT6 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CNOT6 antibody	The protein encoded by this gene is a subunit of the CCR4-NOT core transcriptional regulation complex. The encoded protein has a 3'-5' RNase activity and prefers polyadenylated substates.
Product References and Citations for anti-CNOT6 antibody	Edwards, T.L., et al. Ann. Hum. Genet. 74(2):97-109(2010). Lau, N.C., et al. Biochem. J. 422(3):443-453(2009). Sanchez-Perez, I., et al. Cancer Lett. 273(2):281-291(2009). Garapaty, S., et al. J. Biol. Chem. 283(11):6806-6816(2008). Morita, M., et al. Mol. Cell. Biol. 27(13):4980-4990(2007).

Other Notes	Small volumes of anti-CNOT6 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.
Searchable Terms for CNOT6 purchase	MBS6287296 is an antibody targeting CNOT6. Also known as CNOT6, CT (CNOT6, CCR4, KIAA1194, CCR4-NOT transcription complex subunit 6, CCR4 carbon catabolite repression 4-like, Carbon catabolite repressor protein 4 homolog, Cytoplasmic deadenylase) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-CNOT6 antibody
CNOT6 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the CNOT6 antibody detected the CNOT6 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNOT6. It may not necessarily be applicable to this product.

NCBI GI #	53829366
NCBI GeneID	57472
NCBI Accession #	NP_056270.2
UniProt Primary Accession #	Q9ULM6
UniProt Secondary Accession #	A7MD46; D3DWR0
UniProt Related Accession #	Q9ULM6
GenBank Nucleotide #	NM_015455
NCBI Official Synonym Full Names	CCR4-NOT transcription complex subunit 6
NCBI Official Symbol	CNOT6
NCBI Official Synonym Symbols	CCR4; Ccr4a
UniProt Protein Name	CCR4-NOT transcription complex subunit 6
UniProt Synonym Protein Names	CCR4 carbon catabolite repression 4-like; Carbon catabolite repressor protein 4 homolog; Cytoplasmic deadenylase
Protein Family	CCR4-NOT transcription complex
UniProt Gene Name	CNOT6
UniProt Synonym Gene Names	CCR4; CCR4a; KIAA1194
UniProt Entry Name	CNOT6_HUMAN
NCBI Protein Information	CCR4-NOT transcription complex subunit 6
NCBI Summary for CNOT6	This gene encodes the catalytic component of the CCR4-NOT core transcriptional regulation complex. The encoded protein has a 3'-5' RNase activity and prefers polyadenylated substrates. The CCR4-NOT complex plays a role in many cellular processes, including miRNA-mediated repression, mRNA degradation, and transcriptional regulation. [provided by RefSeq, Dec 2014]

Research Articles on CNOT6	**1.** Studied hepatic role in metabolic homeostasis of fibroblast growth factor 21(FGF21) and the "CCR4-NOT complex" (a multisubunit protein complex composed of "CCR4-NOT transcription complex subunit 6 like" (CNOT6L) and "CCR4-NOT transcription complex subunit 6" (CNOT6). Results show CNOT6L plays a major role in regulation FGF21 levels.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/cnot6/6287296