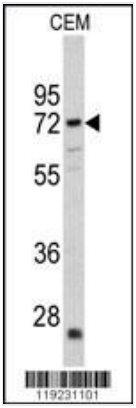
CRAT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CRAT, Polyclonal Antibody
Full Product Name	CRAT, NT (Carnitine O-acetyltransferase, Carnitine Acetylase, Carnitine Acetyltransferase, CrAT, CAT, CAT1) (Biotin)
Product Gene Name	anti-CRAT antibody
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 Biotin.
Purity/Purification	Purified by Ammonium Sulfate Precipitation.
Specificity	Recognizes human CRAT.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	70.858
OMIM	600184
3D Structure	ModBase 3D Structure for P43155
Immunogen	Synthetic peptide selected from the N-terminal region of human CRAT (KLH).
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-CRAT antibody	Antibodies; Enzymes; Acetyltransferase
Applications Tested/Suitable for anti-CRAT antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CRAT antibody	WB: 1:50-1:100 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-CRAT antibody	MBS6470453 is an antibody targeting CRAT. Also known as CRAT, NT (Carnitine O-acetyltransferase, Carnitine Acetylase, Carnitine Acetyltransferase, CrAT, CAT, CAT1) (Biotin). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-CRAT antibody	1. Govindasamy, L., J. Struct. Biol. 146(3), 416-424 (2004). 2. Jogl, G., Cell 112(1), 113-122 (2003).
Other Notes	Small volumes of anti-CRAT 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.



Western Blot (WB) of anti-CRAT antibody
Western blot analysis of CRAT antibody (N-term) in CEM cell line lysates (35ug/lane). CRAT (arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-CRAT antibody
CRAT Antibody (N-term) IHC 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 CRAT Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

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

NCBI GI #	1519244299
NCBI Accession #	NP_000746
UniProt Primary Accession #	P43155
GenBank Nucleotide #	NP_000746.3
NCBI Official Full Name	carnitine O-acetyltransferase isoform 1
UniProt Protein Name	Carnitine O-acetyltransferase
UniProt Synonym Protein Names	Carnitine acetyltransferase; CAT; CrAT
Protein Family	Carnitine O-acetyltransferase
UniProt Gene Name	CRAT
UniProt Synonym Gene Names	CAT1; Carnitine acetylase; CAT; CrAT
UniProt Entry Name	CACP_HUMAN
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/crat/6470453