

Rabbit anti-Human CRAT Polyclonal Antibody | anti-CRAT antibody

CRAT antibody

CATALOG # AAA301829	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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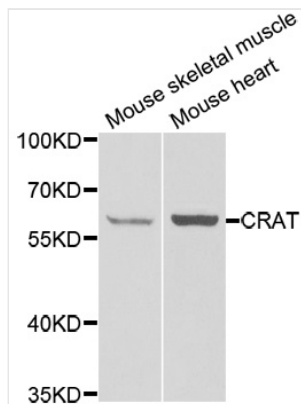
PRODUCT SYNONYMS

CRAT; Polyclonal Antibody; CRAT antibody; CAT1; anti-CRAT antibody

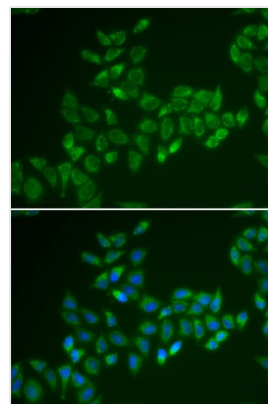
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CRAT antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	626
Applicable Applications for anti-CRAT antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CRAT.
Target Name	CRAT
Preparation and Storage	Store at -20 degree C

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CRAT antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using CRAT antibody. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CRAT antibody	This gene encodes carnitine acetyltransferase (CRAT), which is a key enzyme in the metabolic pathway in mitochondria, peroxisomes and endoplasmic reticulum. CRAT catalyzes the reversible transfer of acyl groups from an acyl-CoA thioester to carnitine and regulates the ratio of acylCoA/CoA in the subcellular compartments. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CRAT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618331
NCBI GeneID	1384
NCBI Accession #	NP_000746.2
NCBI GenBank Nucleotide #	NM_000755.3
UniProt Accession #	P43155; Q5T952; Q9BW16
Molecular Weight	61,870 Da
NCBI Official Full Name	carnitine O-acetyltransferase isoform 1
NCBI Official Synonym Full Names	carnitine O-acetyltransferase
NCBI Official Symbol	CRAT
NCBI Official Synonym Symbols	CAT1
NCBI Protein Information	carnitine O-acetyltransferase
UniProt Protein Name	Carnitine O-acetyltransferase
UniProt Gene Name	CRAT
UniProt Synonym Gene Names	CAT1; Carnitine acetylase; CAT; CrAT
UniProt Entry Name	CACP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crat-antibody-immunofluorescence-western-blot-elisa/301829>