

Rabbit CRAT Polyclonal Antibody | anti-CRAT antibody

CRAT Antibody

CATALOG # AAA323196	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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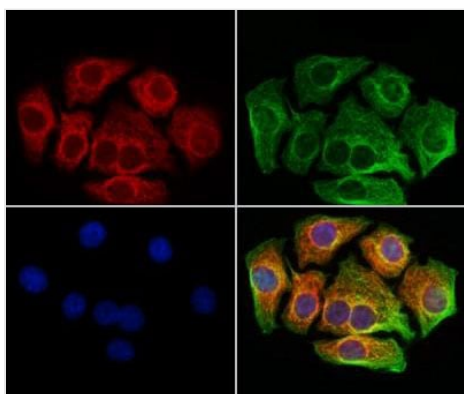
PRODUCT SYNONYMS

CRAT; Polyclonal Antibody; CRAT Antibody; CACP_HUMAN; Carnitine acetylase; Carnitine acetyltransferase; Carnitine O acetyltransferase; Carnitine O-acetyltransferase; CAT; CAT1; CrAT; anti-CRAT antibody

PRODUCT SPECIFICATIONS

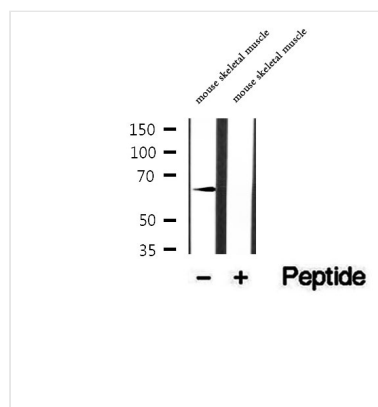
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	CRAT Antibody detects endogenous levels of total CRAT.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CRAT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CRAT,corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



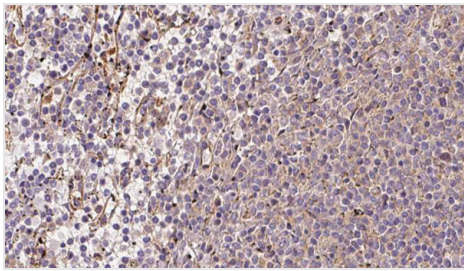
IF (Immunofluorescence)

AAA323196 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA323196 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts of mouse skeletal muscle tissue, using CRAT antibody.



IHC (Immunohistochemistry)

AAA323196 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CRAT antibody	Function: Carnitine acetylase is specific for short chain fatty acids. Carnitine acetylase seems to affect the flux through the pyruvate dehydrogenase complex. It may be involved as well in the transport of acetyl-CoA into mitochondria. Subunit Structure: Monomer. Similarity: Belongs to the carnitine/choline acetyltransferase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	530390532
NCBI GeneID	1384
NCBI Accession #	XP_005251765.1
NCBI GenBank Nucleotide #	XM_005251708.4
UniProt Accession #	P43155; Q5T952; Q9BW16
Molecular Weight	55-68 kDa
NCBI Official Full Name	carnitine O-acetyltransferase isoform X3
NCBI Official Synonym Full Names	carnitine O-acetyltransferase
NCBI Official Symbol	CRAT
NCBI Official Synonym Symbols	CAT; CAT1; NBIA8
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

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-immunohistochemistry-western-blot-elisa/323196>