

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

CRAT Polyclonal Antibody

CATALOG # AAA280207	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	626
Applicable Applications for anti-CRAT antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CRAT
Calculated Molecular Weight	70kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Crat antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 90s.

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

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274265
NCBI GeneID	1384
UniProt Accession #	P43155; Q5T952; Q9BW16
Molecular Weight	626
NCBI Official Full Name	Carnitine O-acetyltransferase
NCBI Official Synonym Full Names	carnitine O-acetyltransferase
NCBI Official Symbol	CRAT
NCBI Official Synonym Symbols	CAT1
NCBI Protein Information	carnitine O-acetyltransferase; CAT; carnitine acetylase; carnitine 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-immunohistochemistry-western-blot-elisa/280207>