

Rabbit anti-Human, Mouse CAT1 Polyclonal Antibody | anti-CAT1 antibody

Rabbit anti-CAT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220746	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

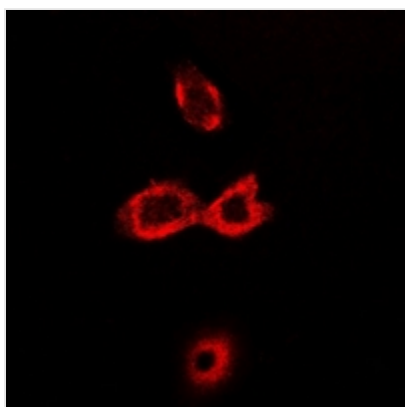
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

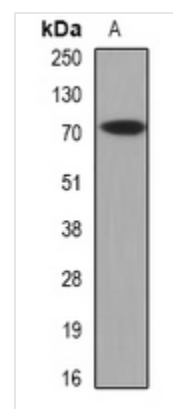
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CAT1 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human CAT1
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of CAT1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of CAT1 expression in mouse skeletal muscle (A) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CAT1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	383209673
NCBI GeneID	1384
NCBI Accession #	NP_001244292
NCBI GenBank Nucleotide #	NM_000755
UniProt Accession #	P43155; P47934
Molecular Weight	61,870 Da
NCBI Official Full Name	carnitine O-acetyltransferase isoform 2
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://www.aaabiotech.com/polyclonal/cat1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/220746>