Mouse ACAT2 Monoclonal Antibody | anti-ACAT2 antibody

ACAT2 antibody

CATALOG #	HOST	APPLICATIONS
AAA74835	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

ACAT2; Monoclonal Antibody; ACAT2 antibody; Monoclonal ACAT2; Anti-ACAT2; Acetyl-Coenzyme A Acetyltransferase 2; ACAT 2; ACAT-2; anti-ACAT2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7B1
Purity/Purification	ACAT2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-ACAT2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Acetyl-Coenzyme A acetyltransferase 2 is an enzyme involved in lipid metabolism. Reported patients with ACAT2 deficiency have shown severe mental retardation and hypotonus. The ACAT2 gene shows complementary overlapping with the 3-prime region of the TCP1 gene in both mouse and human. These genes are encoded on opposite strands of DNA, as well as in opposite transcriptional orientation.
Cross-Reactivity	Human, Dog, Rat
Immunogen	ACAT2 antibody was raised in mouse using a full length recombinant protein of human ACAT2 (NP_0058826) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant ACAT2 protein using ACAT2 antibody



IHC (Immunohiostchemistry)
Immunohistochemical analysis of ACAT2 protein in paraffin embedded Human Kidney tissue using ACAT2 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ACAT2 protein (Right) or empty vector (Left) detected with ACAT2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ACAT2 antibody	Mouse monoclonal ACAT2 antibody
Product Categories/Family for anti-ACAT2 antibody	Proteases; Inhibitors; & Enzymes

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/monoclonal/acat2-antibody-clone-7b1-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/74835