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Product Data Sheet

Anti-SOAT1 Antibody

Catalog #	Source	Reactivity	Applications
CQA2245	Rabbit	H, M, R	WB, IF/IC

Description	Rabbit polyclonal antibody to SOAT1
Immunogen	Recombinant full length protein of human SOAT1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of SOAT1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)
Gene Symbol	SOAT1
Alternative Names	ACACT; ACACT1; ACAT; ACAT1; SOAT; STAT; Sterol O-acyltransferase 1; Acyl-coenzyme A:cholesterol acyltransferase 1; ACAT-1; Cholesterol acyltransferase 1
Entrez Gene	6646 (Human); 20652 (Mouse); 81782 (Rat)
SwissProt	P35610 (Human); Q61263 (Mouse); O70536 (Rat)
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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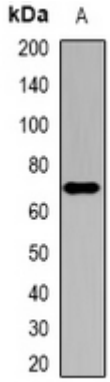
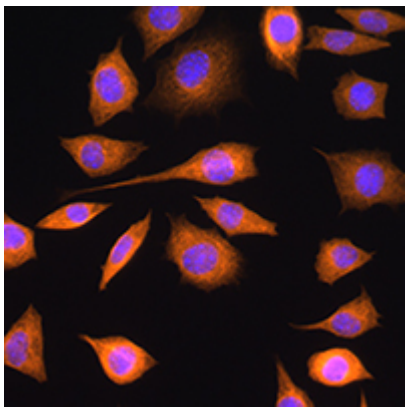


Western blot analysis of SOAT1 expression in HEK293T (A) whole cell lysates. (Predicted band size: 57; 58; 64 kD; Observed band size: 64 kD)



Immunofluorescent analysis of SOAT1 staining in L929 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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