

Recombinant ACAT1 Monoclonal Antibody

catalog number: E-AB-81523

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

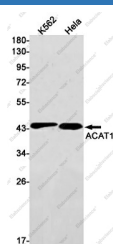
Reactivity	Human
Immunogen	A synthetic peptide of human ACAT1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C333309
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:500-1:1000
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Data



Western blot detection of ACAT1 in K562, Hela cell lysates using ACAT1 Rabbit mAb (1:1000 diluted). Predicted band size: 45 kDa. Observed band size: 45 kDa.

Observed-MW: 45 kDa

Calculated-MW: 45 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This gene encodes a mitochondrially localized enzyme that catalyzes the reversible formation of acetoacetyl-CoA from two molecules of acetyl-CoA. Defects in this gene are associated with 3-ketothiolase deficiency, an inborn error of isoleucine catabolism characterized by urinary excretion of 2-methyl-3-hydroxybutyric acid, 2-methylacetoacetic acid, tiglylglycine, and butanone.

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