

Product Name: ACAT1 Rabbit Monoclonal Antibody**Catalog #: AMRe87515**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:50-1:100,IP 1:10-1:100
Molecular Weight	Calculated MW:45 kDa; Observed MW:45 kDa

Antigen Information

Gene Name	ACAT1
Alternative Names	T2; MAT; ACAT; THIL
Gene ID	38
SwissProt ID	P24752
Immunogen	A synthetic peptide of human ACAT1

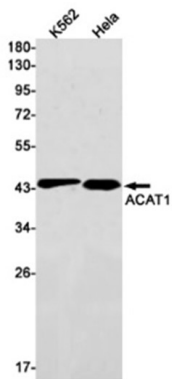
Background

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

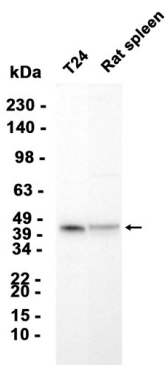
catabolism characterized by urinary excretion of 2-methyl-3-hydroxybutyric acid, 2-methylacetoacetic acid, tiglylglycine, and butanone. [provided by RefSeq, Feb 2009]

Research Area

Image Data



Western blot detection of ACAT1 in K562, HeLa cell lysates using ACAT1 antibody (1:1000 diluted).



Western blot analysis of extracts from T24 cells and Rat spleen tissue using AMRe87515 at 1:1000.