

[Primary Antibody]

ACAT1 Rabbit pAb



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ANTIBODIES

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— DATASHEET

Host: Rabbit

Isotype: IgG

Applications: WB (1:500-2000)

Clonality: Polyclonal

GeneID: 38

SWISS: P24752

Target: ACAT1

Immunogen: KLH conjugated synthetic peptide derived from human ACAT1: 201-300/427.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

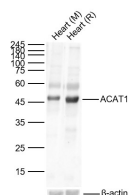
Background: This gene encodes a mitochondrially localized enzyme that catalyzes the reversible formation of acetoacetyl-CoA from two molecules of acetyl-CoA. Defects in this gene are associated with 3-ketothiolase deficiency, an inborn error of isoleucine catabolism characterized by urinary excretion of 2-methyl-3-hydroxybutyric acid, 2-methylacetoacetic acid, tiglylglycine, and butanone. [provided by RefSeq, Feb 2009].

Reactivity: Mouse, Rat
(predicted: Human, Rabbit,
Dog)

Predicted MW.: 47 kDa

Subcellular Location: Cytoplasm

— VALIDATION IMAGES



Sample: Lane 1: Mouse Heart Lysates Lane 2: Rat Heart Lysates Primary: Anti-ACAT1 (bs-5019R) at 1/1000 dilution Secondary: iRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47kDa Observed band size: 47kDa

— SELECTED CITATIONS

- **[IF=6.05]** Chang X. et al. Loss of Hepatic Surf4 Depletes Lipid Droplets in the Adrenal Cortex but Does Not Impair Adrenal Hormone Production.. Front Cardiovasc Med. 2021 Nov;8:764024-764024 WB ;Mouse. 34859075