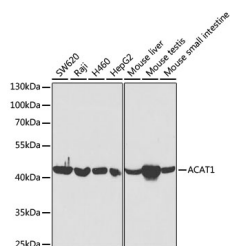


ACAT1 Polyclonal Antibody

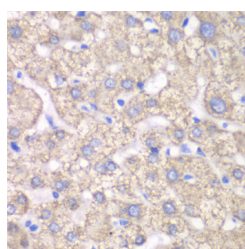
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-64523 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC,IF | Isotype | IgG |

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

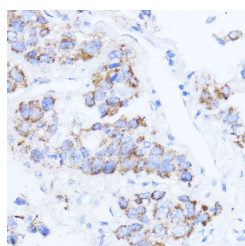
Images



Western blot analysis of extracts of various cell lines using ACAT1 Polyclonal Antibody at dilution of 1:5000.



Immunohistochemistry of paraffin-embedded Human liver tissue using ACAT1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ACAT1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunogen Information

| | |
|------------------|--|
| Immunogen | Recombinant fusion protein of human ACAT1 (NP_000010.1). |
| GeneID | 38 |
| Swissprot | P24752 |
| Synonyms | ACAT1,ACAT,MAT,T2,THIL |

Product Information

| | |
|----------------------|---|
| Calculated MW | 17kDa/45kDa |
| Observed MW | 42kDa |
| Buffer | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200 |

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.