

Recombinant ACAT1 Monoclonal Antibody

catalog number: **E-AB-81523**

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

Description

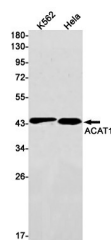
| | |
|---------------------|---|
| Reactivity | Human |
| Immunogen | A synthetic peptide of human ACAT1 |
| Host | Rabbit |
| Isotype | IgG |
| Clone | R02-5G8 |
| Purification | Affinity Purified |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

Applications

Recommended Dilution

| | |
|-----------|--------------|
| WB | 1:500-1:1000 |
|-----------|--------------|

Data



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

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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