

## ACC1 $\alpha$ protein

CatalogNo: YD0002

### | Key Features

#### Reactivity

- Human

#### Applications

- WB, SDS-PAGE

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -20°C/6 month, -80°C for long storage

**Formulation** Liquid in PBS

### | Basic Information

**Source** E.coli

**Purification** E.coli

**Purity** SDS-PAGE >90%

### | Immunogen Information

**Sequence** Amino acid: 307-430, with his-MBP tag.

### | Target Information

**Protein Name** ACC1  $\alpha$  protein

**Organism**

Human

**Gene ID**

[31](#);

**UniProt ID**

[O00763](#); [Q13085](#);

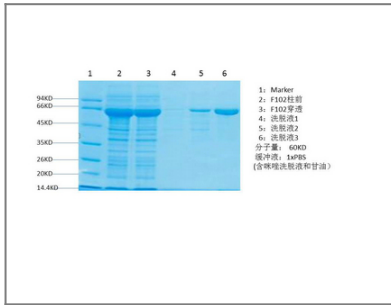
## Cellular Localization

Mitochondrion .

**Tissue specificity** Widely expressed with highest levels in heart, skeletal muscle, liver, adipose tissue, mammary gland, adrenal gland and colon (PubMed:9099716). Isoform 3 is expressed in skeletal muscle, adipose tissue and liver (at protein level) (PubMed:19190759). Isoform 3 is detected at high levels in adipose tissue with lower levels in heart, liver, skeletal muscle and testis (PubMed:19190759).

**Function** fatty acid metabolic process, fatty acid biosynthetic process, lipid biosynthetic process, regulation of cellular ketone metabolic process, organic acid biosynthetic process, regulation of lipid metabolic process, regulation of fatty acid metabolic process, regulation of fatty acid oxidation, carboxylic acid biosynthetic process,

## Validation Data



## Contact information

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**ACC1  $\alpha$  protein**

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