

ACC1 α protein

CatalogNo: YD0001

| 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%

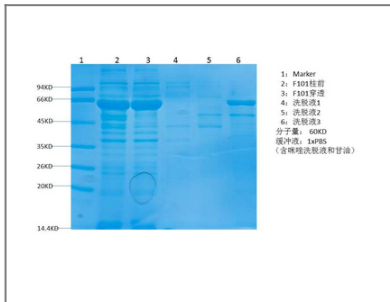
| Immunogen Information

Sequence Amino acid: 521-627, with his-MBP tag.

| Target Information

Protein Name	ACC1 α protein		
	Organism	Gene ID	UniProt ID
	Human	31 ;	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



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