

PACO60681

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## Product Information

**Size:**

50ug

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000

**Protein Background:**

The branched-chain alpha-keto dehydrogenase complex catalyzes the overall conversion of alpha-keto acid, to acyl-CoA and CO<sub>2</sub>. It contains multiple copies of three enzymatic components: branched-chain alpha-keto acid, decarboxylase (E1), lipoamide acyltransferase (E2) and lipoamide dehydrogenase (E3). Within this complex, the catalytic function of this enzyme is to accept, and to transfer to coenzyme A, acyl groups that are generated by the branched-chain alpha-keto acid, decarboxylase component.

**Gene ID:**

DBT

**Uniprot**

P11182

**Synonyms:**

Lipoamide acyltransferase component of branched-chain alpha-keto acid, dehydrogenase complex, mitochondrial (EC 2.3.1.168) (52 kDa mitochondrial autoantigen of primary biliary cirrhosis) (Branched chain 2-oxo-acid, dehydrogenase complex component E2) (BCOADC-E2)

**Immunogen:**

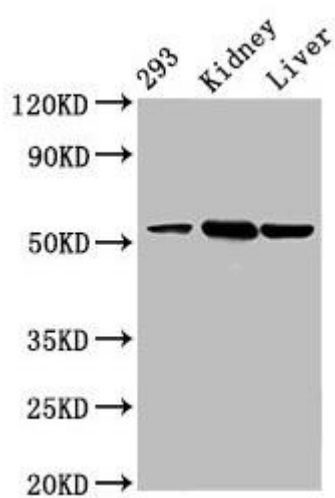
Recombinant Human Lipoamide acyltransferase component of branched-chain alpha-keto acid, dehydrogenase complex, mitochondrial protein (140-259AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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Western Blot. Positive WB detected in: 293 whole cell lysate, Mouse kidney tissue, Mouse liver tissue. All lanes: DBT antibody at 4.3 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 54 kDa. Observed band size: 54 kDa.