

Datasheet for ABIN7158422
anti-DBT antibody (AA 140-259)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	DBT
Binding Specificity:	AA 140-259
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial protein (140-259AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	DBT
Alternative Name:	DBT (DBT Products)
Target Type:	Viral Protein
Background:	Background: The branched-chain alpha-keto dehydrogenase complex catalyzes the overall

Target Details

conversion of alpha-keto acids to acyl-CoA and CO₂. 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.

Aliases: DBT antibody, BCATE2 antibody, Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex antibody, mitochondrial antibody, EC 2.3.1.168 antibody, 52 kDa mitochondrial autoantigen of primary biliary cirrhosis antibody, Branched chain 2-oxo-acid dehydrogenase complex component E2 antibody, BCOADC-E2 antibody, Branched-chain alpha-keto acid dehydrogenase complex component E2 antibody, BCKAD-E2 antibody, BCKADE2 antibody, Dihydrolipoamide acetyltransferase component of branched-chain alpha-keto acid dehydrogenase complex antibody, Dihydrolipoamide branched chain transacylase antibody, Dihydrolipoyllysine-residue antibody, 2-methylpropanoyl)transferase antibody

UniProt: [P11182](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

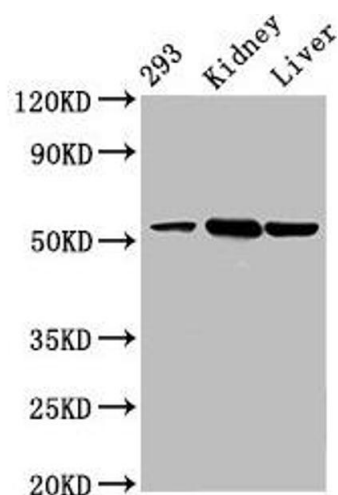
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

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