

Datasheet for ABIN7158423
anti-DBT antibody (AA 140-259) (Biotin)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	DBT
Binding Specificity:	AA 140-259
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBT antibody is conjugated to Biotin
Application:	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
Purification:	>95%, Protein G purified

Target Details

Target:	DBT
Alternative Name:	DBT (DBT Products)
Target Type:	Viral Protein

Target Details

Background:	<p>Background: The branched-chain alpha-keto dehydrogenase complex catalyzes the overall conversion of alpha-keto acids to acyl-CoA and CO(2). 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.</p> <p>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</p>
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UniProt: [P11182](#)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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.