



[Go to Product page](#)

Datasheet for ABIN7467383  
**anti-DBT antibody**

### Overview

Quantity:	100 µL
Target:	DBT
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBT antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DBT. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	DBT
Alternative Name:	dihydrolipoamide branched chain transacylase E2 ( <a href="#">DBT Products</a> )
Target Type:	Viral Protein

## Target Details

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**Background:** Dihydrolipoamide branched chain transacylase E2 , BCATE2 , BCKAD-E2 , BCKADE2 , BCOADC-E2 , E2 , E2B, The branched-chain alpha-keto acid dehydrogenase complex (BCKD) is an inner-mitochondrial enzyme complex involved in the breakdown of the branched-chain amino acids isoleucine, leucine, and valine. The BCKD complex is thought to be composed of a core of 24 transacylase (E2) subunits, and associated decarboxylase (E1), dehydrogenase (E3), and regulatory subunits. This gene encodes the transacylase (E2) subunit. Mutations in this gene result in maple syrup urine disease, type 2. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

**Molecular Weight:** 53 kDa

**Gene ID:** 1629

**UniProt:** [P11182](#)

## Application Details

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**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: rat liver , H1299 , HepG2 , mouse liver

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.3 mg/mL

**Buffer:** 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300

**Preservative:** ProClin

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

**Storage:** 4 °C, -20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.