

Datasheet for ABIN514887
anti-DBT antibody (AA 1-482)



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3 Images

1 Publication

Overview

Quantity:	50 µg
Target:	DBT
Binding Specificity:	AA 1-482
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This DBT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human DBT protein.
Immunogen:	DBT (AAH16675.1, 1 a.a. ~ 482 a.a) full-length human protein.
Sequence:	<p>MAAVRMLRTW SRNAGKLCIV RYFQTCGNVH VLKPNYVCFE GYPSFKYSHH HHFLKTTAAL RGQVVQFKLS DIGEGIREVT VKEWYVKEGD TVSQFDSICE VQSDKASVTI TSTRYDGVIIK LYYNLDDIAY VGKPLVDIET EALKDSEEDV VETPAVSHDE HTHQEIKGRK TLATPAVRRR AMENNIKLSV VVGSGKDGRI LKEDILNYLE KQTGAILPPS PKVEIMPPPP KPKDMTVPII VSKPPVFTGK DKTEPIKGFQ KAMVKTMSSA LKIPHFGYCD EIDLTELVKL REELKPIAFA RGIKLSFMPF FLKAASLGLL QFPILNASVD ENCQNITYKA SHNIGIAMDT EQGLIVPNVK NVQICSIFDI ATELNRLQKL GSVGQLSTTD LTGGTFTLSN IGSIGGTFK PVIMPPEVAI GALGSIKAIK RFNQKGEVYK AQIMNVSSWA DHRVIDGATM SRFSNLWKSX LENPAFMLLD LK</p>
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: DBT

Alternative Name: DBT ([DBT Products](#))

Target Type: Viral Protein

Background: Full Gene Name: dihydrolipoamide branched chain transacylase E2
Synonyms: BCATE2,E2,E2B,MGC9061

Gene ID: 1629

Application Details

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

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

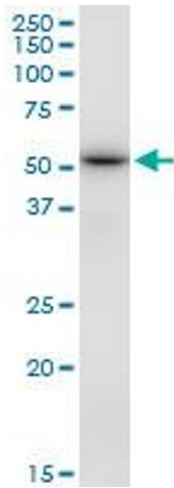
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

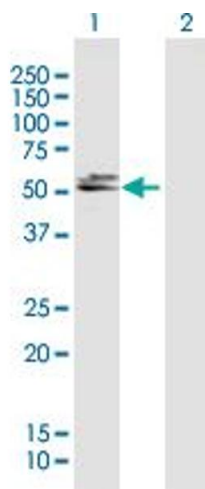
Publications

Product cited in: Johnson, Vidoni, Durigon, Pearce, Rorbach, He, Brea-Calvo, Minczuk, Reyes, Holt, Spinazzola: "Amino acid starvation has opposite effects on mitochondrial and cytosolic protein synthesis." in: **PLoS ONE**, Vol. 9, Issue 4, pp. e93597, (2014) ([PubMed](#)).



Western Blotting

Image 1. DBT MaxPab polyclonal antibody. Western Blot analysis of DBT expression in A-431.

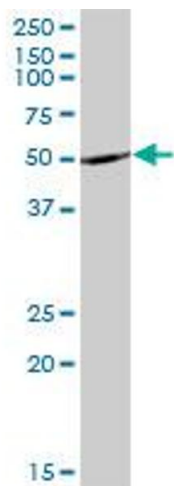


Western Blotting

Image 2. Western Blot analysis of DBT expression in transfected 293T cell line by DBT MaxPab polyclonal antibody.

Lane 1: DBT transfected lysate(53.02 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. DBT MaxPab polyclonal antibody. Western Blot analysis of DBT expression in human liver.