



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## DBT purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001629-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit 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:**  
 MAAVRMLRTWSRNAGKLCVRYFQTCGMVHVLKPNYVCFFGYPSFKYS  
 HPHHFLKTTAALRGQVWQFKLSDIGEGIREVTVKEWYVKEGDTVVSQFDSI  
 CEVQSDKASVTITSRYDGVIKKLYNLDIAYVGKPLVDIETEALKDSEED  
 VVETPAVSHDEHTHQEIKGRKTLATPAVRRRLAMENNIKLVSEVVGSGKDGR  
 ILKEDILNYLEKQTGAILPPSPKVEIMPPPKPKDMTPVILVSKPPVFTGKD  
 KTEPIKGFQKAMVKTMSAALKIPHFGYCDEIDLTELVKLREELKPIAFARGI  
 KLSFMPFFLKAASLGLLQFPILNASVDENCQNITYKASHNIGIAMDTEQGLI  
 VPNVKNVQICSIFDIATELNRLQKLGSGQLSTDLTGGTFTLSNIGSIGG  
 TFAKPVIMPPEVAIGALGSIKAI PRFNQKGEVYKAQIMNVSWSADHRVIDG  
 ATMSRFSNLWKSYLENPAFMLLDLK

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

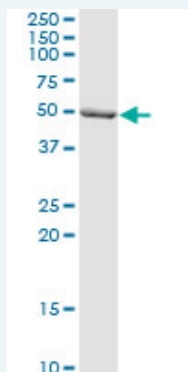
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)


**Datasheet:**  [Download](#)

### Applications

#### Western Blot (Tissue lysate)



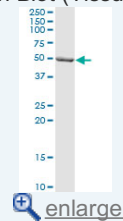
DBT MaxPab rabbit polyclonal antibody. Western Blot analysis of DBT expression in human kidney.

 [Protocol Download](#)

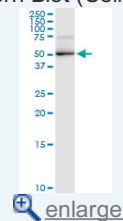
#### Western Blot (Cell lysate)

### Application Image

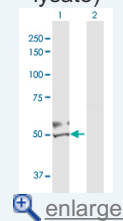
#### Western Blot (Tissue lysate)

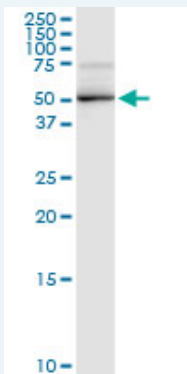


#### Western Blot (Cell lysate)



#### Western Blot (Transfected lysate)

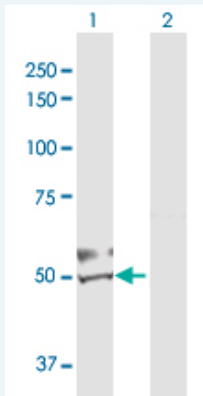




DBT MaxPab rabbit polyclonal antibody. Western Blot analysis of DBT expression in A-431.

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#### Western Blot (Transfected lysate)



Western Blot analysis of DBT expression in transfected 293T cell line ([H00001629-T02](#)) by DBT MaxPab polyclonal antibody.

Lane 1: DBT transfected lysate(53.50 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

#### Gene Information

Entrez GeneID: [1629](#)

GeneBank [BC016675.1](#)

Accession#:

Protein [AAH16675.1](#)

Accession#:

Gene Name: DBT

Gene Alias: BCATE2,E2,E2B,MGC9061

Gene Description: dihydrolipoamide branched chain transacylase E2

Omim ID: [248600](#), [248610](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** 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

**Other Designations:** BCKAD E2 subunit, E2 component of branched chain alpha-keto acid dehydrogenase complex, OTTHUMP00000012596, branched chain acyltransferase, E2 component, dihydrolipoamide branched chain transacylase, dihydrolipoyl transacylase, dihydrolipoyllysine-residue (2-me

#### Gene Pathway

[Metabolic pathways Valine, leucine and isoleucine degradation](#)

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