

DNAxPAb

Hard-to-Find
Antibody

DBT DNAxPab

Catalog # H00001629-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DBT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAVRMLRTWSRNAGKLCVRYFQTCGNVHVLKPNYVCFFGYPSFKYSHPHHFLKTTAALRGQV VQFKLSDIGEGIREVTVKEWYVKEGDTV SQFDSICEVQSDKASVTITSRYDGVIKKLYNLDDIAYV GKPLVDIETEALKDSEEDVVETPAVSHDEHTHQEIKGRKTLATPAVRRLAMENNIKLSEVVGSGK DGRILKEDILNYLEKQTGAILPPSPKVEIMPPPPKPKDMTPILVSKPPVFTGDKTEPIKGFQKAM VKTMSAALKIPHFGYCDEIDLTELVLKREELKPIAFARGIKLSFMPFFLKAASLGLLQFPILNASVDE NCQNITYKASHNIGIAMDTEQGLVPNVKNVQICSIFDIATELNRLQKLGSVGQLSTTDLTGGTFTLSNI GSIGGTFAKPVIMPPEVAIGALGSIKAIPRFNQKGEVYKAQIMNVSW SADHRVIDGATMSRFSNLW KSYLENPAFMLLDLK
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — DBT

Entrez GeneID [1629](#)

GeneBank Accession# [BC016675.1](#)

Protein Accession# [AAH16675.1](#)

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|O TTHUMP00000012596|branched chain acyltransferase, E2 component|dihydrolipoamide branched chain transacylase|dihydrolipoyl transacylase|dihydrolipoyllysine-residue (2-me

Pathway

- [Metabolic pathways](#)
- [Valine](#)