

Rabbit anti-Human, Mouse DBT Polyclonal Antibody | anti-DBT antibody

DBT Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268691	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

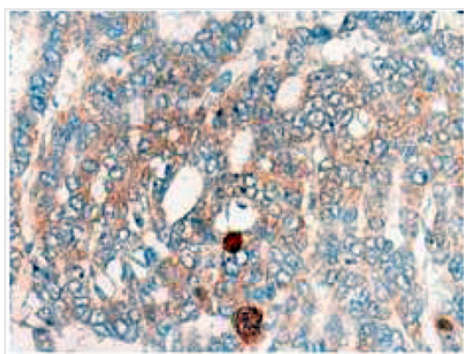
PRODUCT SYNONYMS

DBT; Polyclonal Antibody; DBT Rabbit pAb; E2; E2B; BCATE2; BCKADE2; BCKAD-E2; BCOADC-E2; anti-DBT antibody

PRODUCT SPECIFICATIONS

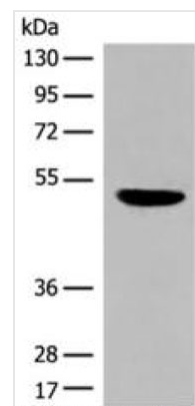
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Sequence Length	482
Applicable Applications for anti-DBT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human DBT
Cellular Localization	Mitochondrion
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin- embedded Human liver cancer tissue using DBT Antibody at dilution 1/20. (Original magnification: ×200)



SDS-PAGE

8% SDS-PAGE, Lysate: 40 µg, Lane: Mouse liver tissue lysate, Primary antibody DBT Antibody at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DBT antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	400668
NCBI GeneID	1629
UniProt Accession #	P11182
Molecular Weight	53kDa
NCBI Official Full Name	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial
NCBI Official Synonym Full Names	dihydrolipoamide branched chain transacylase E2
NCBI Official Symbol	DBT
NCBI Official Synonym Symbols	E2; E2B; BCATE2; BCKADE2; BCKAD-E2; BCOADC-E2
NCBI Protein Information	lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial
UniProt Protein Name	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial
UniProt Gene Name	DBT
UniProt Entry Name	ODB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dbt-antibody-immunohistochemistry-western-blot-elisa/268691>