

DBT Rabbit pAb

货号: **AYP14789**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens IHC: Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	53kDa
实测分子量	53KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,HepG2,A375,Mouse lung,Mouse brain,Rat liver,Rat brain
细胞定位	cytoplasm,cytosol,microtubule cytoskeleton,mitochondrial alpha-ketoglutarate dehydrogenase complex, mitochondrial matrix,mitochondrial nucleoid,mitochondrion
纯化	Affinity purification

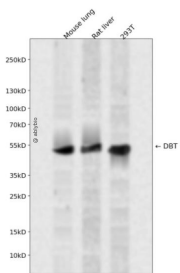
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 11-247 of human DBT (NP_001909.3).
序列	SRNAGKLICVRYFQTCGNVHVLKPNYVCCFFGYPSFKYSHPHHFLKTTAALRGQVVQFKLSDIGEGIREVTVKEWYVKEGDT VSQFDSICEVQSDKASVTITSRYDGVVKKLYNLDDIAYVGKPLVDIETEALKDSEEDVVETPAVSHDEHTHQEIKGRKTLAT PAVRRLAMENNIKLSSEVVGSGKDRILKEDILNYLEKQTGAILPPSPKVEIMPPPKPKDMTPILVSKPPVF

靶点信息

研究背景	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.
基因ID	1629
基因名	DBT
Swiss	P11182
别名	E2; E2B; BCATE2; BCKADE2; BCKAD-E2; BCKDH-E2; BCOADC-E2

产品验证



Western blot analysis of DBT expressed in Mouse lung,Rat liver,293T using DBT Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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