

Rabbit anti-Human BCKDHB Monoclonal Antibody | anti-BCKDHB antibody

BCKDHB Rabbit mAb

CATALOG # AAA283030	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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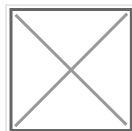
PRODUCT SYNONYMS

BCKDHB; Monoclonal Antibody; BCKDHB Rabbit mAb; E1B; BCKDE1B; BCKDH E1-beta; anti-BCKDHB antibody

PRODUCT SPECIFICATIONS

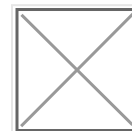
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	VAHFTFQPDP EPREYGQTQK MNLFQSVTSA LDNSLAKDPT AVIFGEDVAF GGVFRCTVGL RDKYGKDRVF NTPLCEQGIV GFGIGIAVTG ATAIAEIQFA DYIFPAFDQI VNEAAKYRYR SGDLFNCGSL TIRSPWGCVG HGALYHSQSP EAFFAHCPGI KVVIPRSPFQ AKGLLLSCIE DKNPCIFFEP KILYRAAAEE VPIEPYNIPL SQAEVIQEGS DVTLVAWGTQ VHVIREVASM AKEKLGVSCE VIDLRTIIPW DVTICKSVI KTGRLLISHE APLTGGFASE ISSTVQEECF LNLEAPISRV CGYDTPFPHI FEPFYIPDKW KCYDALRKMI NY
Applicable Applications for anti-BCKDHB antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 51-392 of human BCKDHB (NP_898871.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using BCKDHB Rabbit mAb (AAA283030) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 0.5s.



WB (Western Blot)

Western blot analysis of various lysates, using BCKDHB Rabbit mAb (AAA283030) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-BCKDHB antibody	This gene encodes the E1 beta subunit of branched-chain keto acid dehydrogenase, which is a multienzyme complex associated with the inner membrane of mitochondria. This enzyme complex functions in the catabolism of branched-chain amino acids. Mutations in this gene have been associated with maple syrup urine disease (MSUD), type 1B, a disease characterized by a maple syrup odor to the urine in addition to mental and physical retardation and feeding problems. Alternative splicing at this locus results in multiple transcript variants.
Product Categories/Family for anti-BCKDHB antibody	Cancer; Signal Transduction; Endocrine Metabolism; Mitochondrial metabolism; Mitochondrial markers; Amino acid metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	71297038
NCBI GeneID	594
UniProt Accession #	P21953; Q9BQL0
Molecular Weight	Calculated MW: 43kDa Observed MW: 37kDa
UniProt Protein Name	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial
UniProt Gene Name	BCKDHB
UniProt Synonym Gene Names	BCKDE1B
UniProt Entry Name	ODBB_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://stage.aaabiotech.com/monoclonal/bckdhb-antibody-western-blot-elisa/283030>