

BCKDHA Polyclonal Antibody

Catalog No. E-AB-62640

Note: Centrifuge before opening to ensure complete recovery of vial contents.

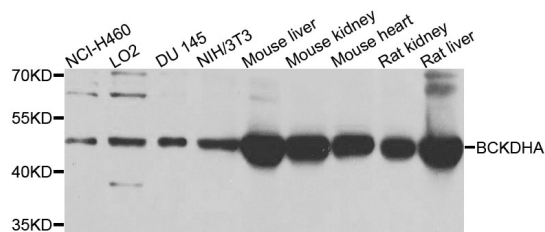
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human BCKDHA
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB 1:500-1:2000

Data



Western blot analysis of extracts of various cell lines
with BCKDHA Polyclonal Antibody

Observed Mw:50kDa
Calculated Mw:50kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The branched-chain alpha-keto acid (BCAA) dehydrogenase (BCKD) complex is an inner mitochondrial enzyme complex that catalyzes the second major step in the catabolism of the branched-chain amino acids leucine, isoleucine, and valine. The BCKD complex consists of three catalytic components: a heterotetrameric (alpha2-beta2) branched-chain alpha-keto acid decarboxylase (E1), a dihydrolipoyl transacylase (E2), and a dihydrolipoamide dehydrogenase (E3). This gene encodes the alpha subunit of the decarboxylase (E1) component. Mutations in this gene result in maple syrup urine disease, type IA. Multiple transcript variants encoding different isoforms have been found for this gene.

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