

A8925

Leader in Biomolecular Solutions for Life Science



## BCKDHB Rabbit pAb

Catalog No.: A8925

### Basic Information

#### Observed MW

33kDa

#### Calculated MW

43kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IF/ICC,FC

#### Cross-Reactivity

Human

### Background

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.

### Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:20 - 1:50
FC	1:20 - 1:50

### Immunogen Information

**Gene ID**  
594

**Swiss Prot**  
P21953

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

E1B; BCKDE1B; BCKDH E1-beta; BCKDHB

### Contact

 [www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**  
Rabbit

**Isotype**  
IgG

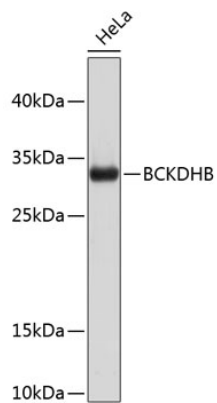
**Purification**  
Affinity purification

#### Storage

Store at 4°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide,pH7.3.

## Validation Data

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Western blot analysis of lysates from HeLa cells, using BCKDHB Rabbit pAb (A8925).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.