

## Datasheet

### BCKDK polyclonal antibody

**Catalog Number:** PAB2655

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of BCKDK.

**Immunogen:** A synthetic peptide (conjugated with KLH) corresponding to internal region of human BCKDK.

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IHC-P, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Ammonium sulfate precipitation

**Recommend Usage:** Western Blot (1:1000)

Immunohistochemistry (1:50-100)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 10295

**Gene Symbol:** BCKDK

**Gene Alias:** -

#### References:

1. Solution structure and dynamics of the lipoic acid-bearing domain of human mitochondrial branched-chain alpha-keto acid dehydrogenase complex. Chang CF, Chou HT, Chuang JL, Chuang DT,

Huang TH. J Biol Chem. 2002 May 3;277(18):15865-73. Epub 2002 Feb 11.

2. Branched-chain alpha-ketoacid dehydrogenase kinase. Molecular cloning, expression, and sequence similarity with histidine protein kinases. Popov KM, Zhao Y, Shimomura Y, Kuntz MJ, Harris RA. J Biol Chem. 1992 Jul 5;267(19):13127-30.

3. Regional assignment of two genes of the human branched-chain alpha-keto acid dehydrogenase complex: the E1 beta gene (BCKDHB) to chromosome 6p21-22 and the E2 gene (DBT) to chromosome 1p31. Zneimer SM, Lau KS, Eddy RL, Shows TB, Chuang JL, Chuang DT, Cox RP. Genomics. 1991 Jul;10(3):740-7.