

Product datasheet for TA340087

OriGene Technologies, Inc.

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BCKDH kinase (BCKDK) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-BCKDK antibody: synthetic peptide directed towards the N terminal

of human BCKDK. Synthetic peptide located within the following region:

CLPFIIGCNPTILHVHELYIRAFQKLTDFPPIKDQADEAQYCQLVRQLLD

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 43 kDa

Gene Name: branched chain ketoacid dehydrogenase kinase

Database Link: NP 005872

Entrez Gene 10295 Human

O14874

Background: BCKDK belongs to the PDK/BCKDK protein kinase family. It contains 1 histidine kinase

domain. BCKDK catalyzes the phosphorylation and inactivation of the branched-chain alphaketoacid dehydrogenase complex, the key regulatory enzyme of the valine, leucine and isoleucine catabolic pathways. BCKDK is the key enzyme that regulates the activity state of

the BCKD complex.





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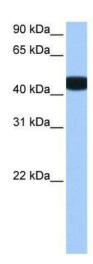
Synonyms: BCKDKD; BDK

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine:

100%; Dog: 93%; Guinea pig: 93%; Horse: 92%; Rabbit: 86%

Protein Families: Druggable Genome, Protein Kinase

Product images:



WB Suggested Anti-BCKDK Antibody Titration: 0.2-1 ug/ml; Positive Control: Human brain