

Product datasheet for **TA340087**

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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 alpha-ketoacid 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