

Product datasheet for **AP17149PU-N**

BCKDHA (C-term) Rabbit Polyclonal Antibody

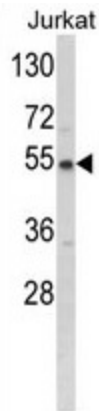
Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	Western blot: 1:1000. ELISA: 1:1,000. Flow Cytometry: 1/10-50. Immunohistochemistry: 1/50-100.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected between aa 362-390 of the C-terminal region of human BCKDHA
Specificity:	This antibody detects BCKDHA at C-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	branched chain keto acid dehydrogenase E1, alpha polypeptide
Database Link:	Entrez Gene 593 Human P12694



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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). BCKDHA is the alpha subunit of the decarboxylase (E1) component.
Synonyms:	alpha-keto acid dehydrogenase, BCKDE1A
Note:	Molecular weight: 50471 Da
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Valine, leucine and isoleucine degradation

Product images:

Western blot analysis of BCKDHA Antibody (C-term) in Jurkat cell line lysates (35 ug/lane). BCKDHA (arrow) was detected using the purified Pab.