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Datasheet for ABIN7265920

anti-BCKDK antibody

1 Image

Overview

Quantity:	100 µL
Target:	BCKDK
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BCKDK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	BCKDK Rabbit mAb
Immunogen:	Recombinant protein of Human BCKDK.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	BCKDK
Alternative Name:	BCKDK (BCKDK Products)
Background:	The branched-chain alpha-ketoacid dehydrogenase complex (BCKD) is an important regulator

Target Details

of the valine, leucine, and isoleucine catabolic pathways. The protein encoded by this gene is found in the mitochondrion, where it phosphorylates and inactivates BCKD. Several transcript variants encoding different isoforms have been found for this gene.,BCKDK,BCKDKD,BDK,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Amino acid metabolism,BCKDK

Molecular Weight: 37kDa/41kDa/46kDa

Gene ID: 10295

UniProt: [O14874](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

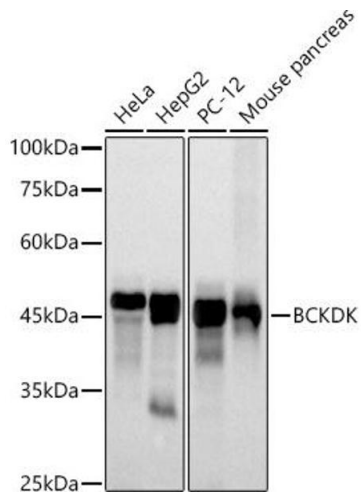
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BCKDK antibody (ABIN7265920) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.