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# BCKDK Rabbit mAb

**Catalog No.: A20909** Recombinant 4 Publications

## Basic Information

**Observed MW**
46kDa

**Calculated MW**
46kDa

**Category**
Primary antibody

**Applications**
WB,ELISA

**Cross-Reactivity**
Human, Mouse, Rat

**CloneNo number**
ARC2875

## Background

The branched-chain alpha-ketoacid dehydrogenase complex (BCKD) is an important regulator 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.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
10295

**Swiss Prot**
O14874

**Immunogen**
Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**
BDK; BCKDKD; BCKDK

## Contact


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## Product Information

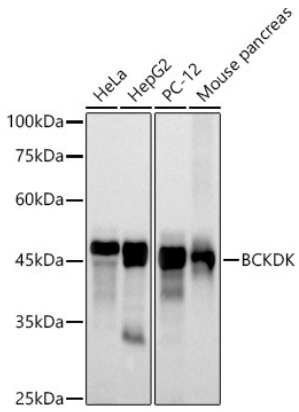
**Source**
Rabbit

**Isotype**
IgG

**Purification**
Affinity purification

**Storage**
Store at -20℃

## Validation Data




Western blot analysis of various lysates using BCKDK Rabbit mAb (A20909) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



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