

BCKDK Polyclonal Antibody

Catalog No. E-AB-63029

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Rat
Immunogen	Recombinant fusion protein of human BCKDK (NP_005872.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

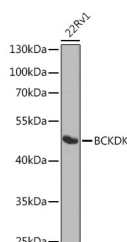
Applications Recommended Dilution

WB 1:500-1:2000 IHC

1:50-1:100 IF

1:50-1:100

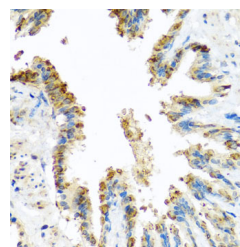
Data



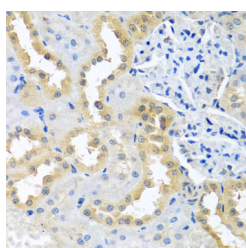
Western blot analysis of extracts of 22Rv1 cells using BCKDK Polyclonal Antibody at dilution of 1:1000.

Observed Mw:46kDa

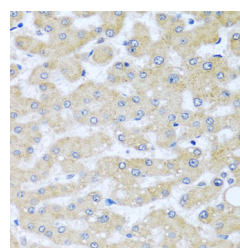
Calculated Mw:37kDa/41kDa/46kDa



Immunohistochemistry of paraffin-embedded Rat lung using BCKDK Polyclonal Antibody at dilution of 1:100 (40x lens).

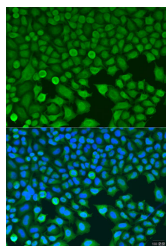


Immunohistochemistry of paraffin-embedded Rat kidney using BCKDK Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human liver damage using BCKDK Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only



Immunofluorescence analysis of U2OS cells using
BCKDK Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.

Preparation & Storage

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

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.