

Rabbit BCKDK Polyclonal Antibody | anti-BCKDK antibody

BCKDK Polyclonal Antibody

CATALOG # AAA280391	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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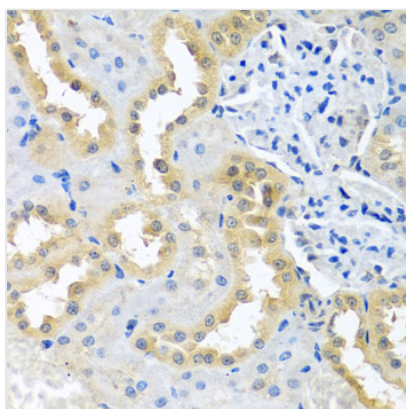
PRODUCT SYNONYMS

BCKDK; Polyclonal Antibody; BCKDK Polyclonal Antibody; anti-BCKDK antibody

PRODUCT SPECIFICATIONS

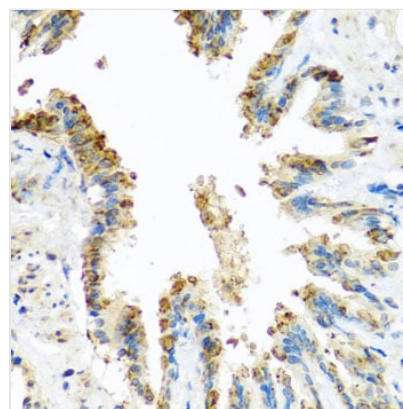
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	365
Applicable Applications for anti-BCKDK antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human BCKDK
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



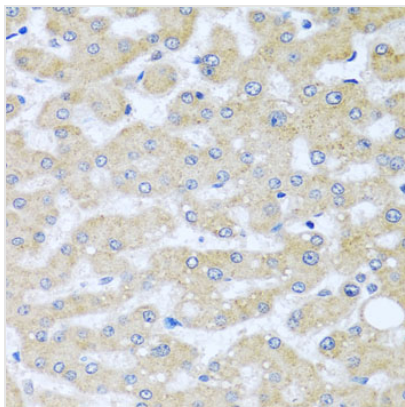
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using BCKDK antibody at dilution of 1:100 (40x lens).



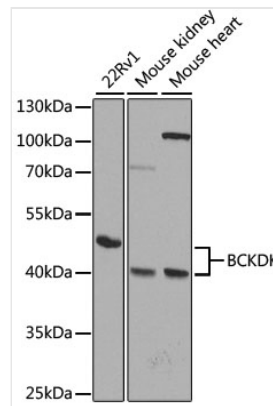
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using BCKDK antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using BCKDK antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using BCKDK antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-BCKDK antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171906593
NCBI GeneID	10295
NCBI Accession #	NP_001116429.1
NCBI GenBank Nucleotide #	NM_001122957.2
UniProt Accession #	O14874; Q6FGL4; Q96G95; Q96IN5; A8MY43
Molecular Weight	46kDa
NCBI Official Full Name	[3-methyl-2-oxobutanoate dehydrogenase
NCBI Official Synonym Full Names	branched chain ketoacid dehydrogenase kinase
NCBI Official Symbol	BCKDK
NCBI Official Synonym Symbols	BDK; BCKDKD
NCBI Protein Information	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial
UniProt Protein Name	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial
UniProt Gene Name	BCKDK
UniProt Synonym Gene Names	BCKD-kinase; BCKDHKIN
UniProt Entry Name	BCKD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bckdk-antibody-western-blot-elisa/280391>