

Rabbit BCKDK Polyclonal Antibody | anti-BCKDK antibody

Anti-BCKDK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104427	Rabbit	Human, Mouse, Rat, Bovine, Dog, Monkey, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BCKDK; Polyclonal Antibody; Anti-BCKDK Antibody; [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase; mitochondrial; Branched-chain alpha-ketoacid dehydrogenase kinase; BCKD-kinase; BCKDHKIN; anti-BCKDK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Monkey, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of BCKDK protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	365
Applicable Applications for anti-BCKDK antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BCKDK. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



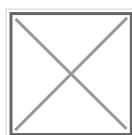
IF (Immunofluorescence)

Immunofluorescent analysis of BCKDK staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of BCKDK staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of BCKDK expression in Raji (A), HeLa (B), Jurkat (C), SHSY5Y (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-BCKDK antibody	Rabbit polyclonal antibody to BCKDK
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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
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; [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial; BCKDHKIN; BCKD-kinase; branched chain alpha-ketoacid dehydrogenase kinase
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://stage.aaabiotech.com/polyclonal/bckdk-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104427>