

Rabbit anti-Human, mouse Bckdk Polyclonal Antibody | anti-Bckdk antibody

Mouse Bckdk Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289137	Rabbit	Human, mouse	ELISA, Western Blot

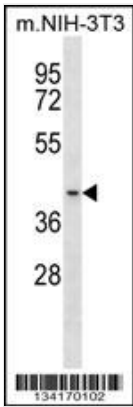
PRODUCT SYNONYMS

Bckdk; Polyclonal Antibody; Mouse Bckdk Antibody (Center); [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase; mitochondrial; Branched-chain alpha-ketoacid dehydrogenase kinase; BCKD-kinase; BCKDHKIN; anti-Bckdk antibody

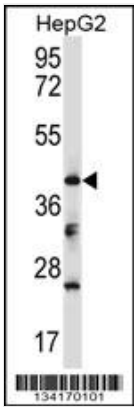
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Bckdk antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-188 amino acids from the Central region of mouse Bckdk.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	159-188
Sequence Length	412
Applicable Applications for anti-Bckdk antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Mouse Bckdk Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the Bckdk antibody detected the Bckdk protein (arrow).



WB (Western Blot)
Mouse Bckdk Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the Bckdk antibody detected the Bckdk protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Bckdk antibody	Catalyzes the phosphorylation and inactivation of the branched-chain alpha-ketoacid dehydrogenase complex, the key regulatory enzyme of the valine, leucine and isoleucine catabolic pathways. Key enzyme that regulate the activity state of the BCKD complex (By similarity).
Product Categories/Family for anti-Bckdk antibody	Signal Transduction
References	Pagliarini, D.J., et al. Cell 134(1):112-123(2008) Lee, J., et al. Mol. Cell Proteomics 6(4):669-676(2007) Hutson, S.M. Biochem. J. 400 (1), E1-E3 (2006) : Joshi, M.A., et al. Biochem. J. 400(1):153-162(2006) Trinidad, J.C., et al. Mol. Cell Proteomics 5(5):914-922(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753164
NCBI GeneID	12041
NCBI Accession #	NP_033869.1
NCBI GenBank Nucleotide #	NM_009739.3
UniProt Accession #	O55028
Molecular Weight	46588
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	AI327402
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_MOUSE

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/289137>