

Rabbit anti-Human BCKDK Polyclonal Antibody | anti-BCKDK antibody

BCKDK Antibody

CATALOG # AAA118357	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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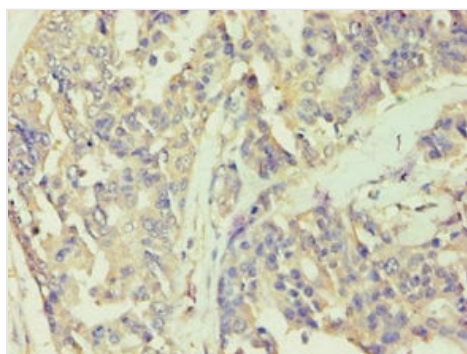
PRODUCT SYNONYMS

BCKDK; Polyclonal Antibody; BCKDK Antibody; Branched-chain alpha-ketoacid dehydrogenase kinase; BCKD-kinase; BCKDHKIN; anti-BCKDK antibody

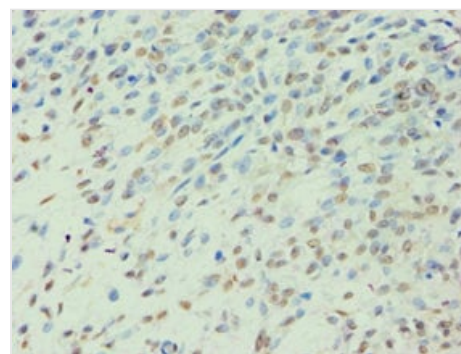
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	365
Applicable Applications for anti-BCKDK antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial GeneBCKDK protein (153-412aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-163735
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

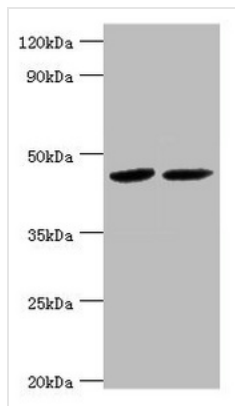
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA118357 at dilution 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118357 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: BCKDK antibody at 5ug/mlLane 1:293T whole cell lysateLane 2:Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 47,38,42 kDaObserved band size: 46 kDa

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.
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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
Molecular Weight	41,090 Da
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://stage.aaabiotech.com/polyclonal/bckdk-antibody-immunohistochemistry-western-blot-elisa/118357>