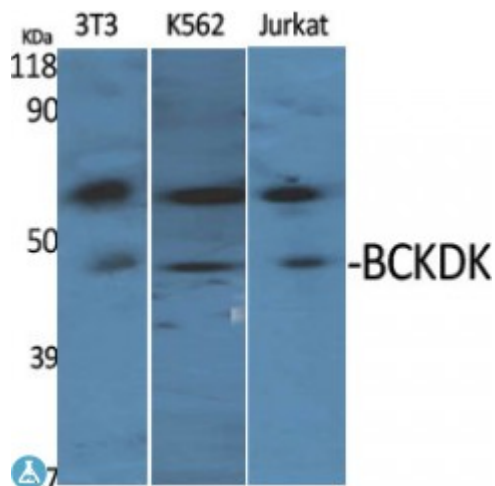


Anti-BCKDK antibody



Description	Rabbit polyclonal to BCKDK.
Model	STJ91832
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human BCKDK
Immunogen Region	30-110 aa, N-terminal
Gene ID	10295
Gene Symbol	BCKDK
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	BCKDK Polyclonal Antibody detects endogenous levels of BCKDK protein.
Tissue Specificity	Ubiquitous.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	3-methyl-2-oxobutanoate dehydrogenase lipoamide kinase, mitochondrial Branched-chain alpha-ketoacid dehydrogenase kinase BCKD-kinase BCKDHKIN
Molecular Weight	46 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16902OMIM:614901
Alternative Names	3-methyl-2-oxobutanoate dehydrogenase lipoamide kinase, mitochondrial Branched-chain alpha-ketoacid dehydrogenase kinase BCKD-kinase BCKDHKIN
Function	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.
Cellular Localization	Mitochondrion matrix. Mitochondrion
Post-translational Modifications	Autophosphorylated.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com