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**Images** 



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# Overview

Quantity:	100 μL
Target:	BCKDK
Binding Specificity:	AA 44-223
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCKDK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

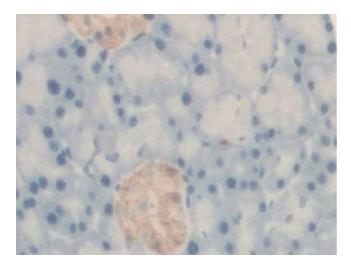
# **Product Details**

Purpose:	Polyclonal Antibody to Branched Chain Alpha-Ketoacid Dehydrogenase Kinase (BCKDK)
Immunogen:	Recombinant Branched Chain Alpha-Ketoacid Dehydrogenase Kinase (BCKDK) corresdonding to Arg44~Thr223 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against BCKDK. It has been selected for its ability to recognize BCKDK in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details	
Target:	BCKDK
Alternative Name:	Branched Chain Alpha-Ketoacid Dehydrogenase Kinase (BCKDK Products)
Background:	BCKDHKIN, 3-Methyl-2-Oxobutanoate Dehydrogenase/Lipoamide Kinase,Mitochondrial
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	Western blotting: 0.5-2 $\mu$ g/mL Immunohistochemistry: 5-20 $\mu$ g/mL Immunocytochemistry: 5-20 $\mu$ g/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



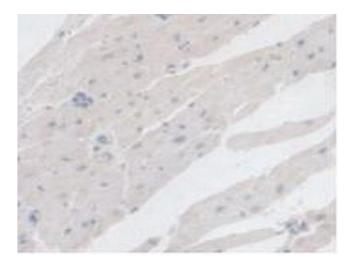
# **Immunohistochemistry**

**Image 1.** Detection of BCKDK in Rat Pancreas Tissue using Polyclonal Antibody to Branched Chain Alpha-Ketoacid Dehydrogenase Kinase (BCKDK)



### **Immunohistochemistry**

**Image 2.** Detection of BCKDK in Rat Skeletal Muscle Tissue using Polyclonal Antibody to Branched Chain Alpha-Ketoacid Dehydrogenase Kinase (BCKDK)



# **Immunohistochemistry**

**Image 3.** Detection of BCKDK in Rat Heart Tissue using Polyclonal Antibody to Branched Chain Alpha-Ketoacid Dehydrogenase Kinase (BCKDK)

Please check the product details page for more images. Overall 5 images are available for ABIN7436711.