antibodies -online.com







anti-BCKDK antibody (N-Term)





Overview
Ougatity:

Quantity:	100 μL
Target:	BCKDK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCKDK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human BCKD, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	BCKD Antibody detects endogenous levels of total BCKD.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	BCKDK

Target Details

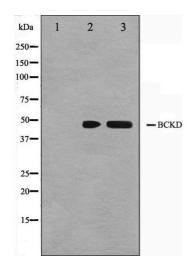
Alternative Name:	BCKDK (BCKDK Products)
Background:	Description: Catalyzes the phosphorylation and inactivation of the branched-chain alpha-
	ketoacid dehydrogenase complex, the key regulatory enzyme of the valine, leucine and
	isoleucine catabolic pathways. Key enzyme that regulate the activity state of the BCKD
	complex.
	Gene: BCKDK
Molecular Weight:	46kDa
Gene ID:	10295
UniProt:	014874
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:500-1:3000, IF/ICC: 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

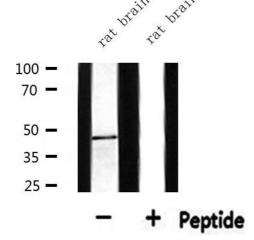
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



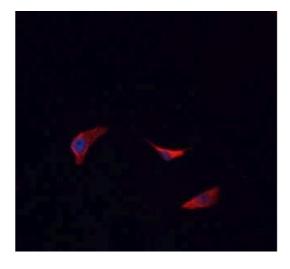
Western Blotting

Image 1. Western blot analysis on Jurkat and K562 cell lysate using BCKD Antibody. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 2. Western blot analysis of extracts from rat brain, using BCKD Antibody.



Immunofluorescence (fixed cells)

Image 3. ABIN6266693 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Please check the product details page for more images. Overall 4 images are available for ABIN6260219.