

For Research Use Only

# BCKDK Polyclonal antibody

Catalog Number: 15718-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

15718-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8395

### GenBank Accession Number:

BC007363

### GeneID (NCBI):

10295

### UNIPROT ID:

O14874

### Full Name:

branched chain ketoacid dehydrogenase kinase

### Calculated MW:

412 aa, 46 kDa

### Observed MW:

40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : mouse kidney tissue, HEK-293 cells, mouse pancreas tissue, rat kidney tissue, rat pancreas tissue

IHC : mouse pancreas tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yang Yang	34084135	Front Pharmacol	WB
Xiao Han	38648903	Biochim Biophys Acta Mol Basis Dis	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

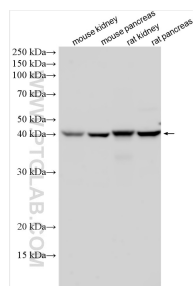
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

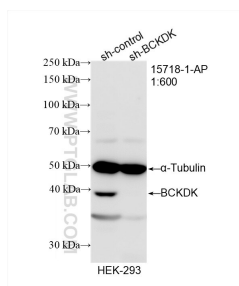
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

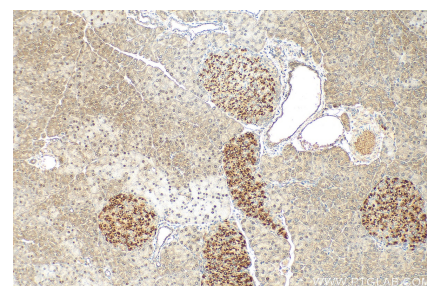
## Selected Validation Data



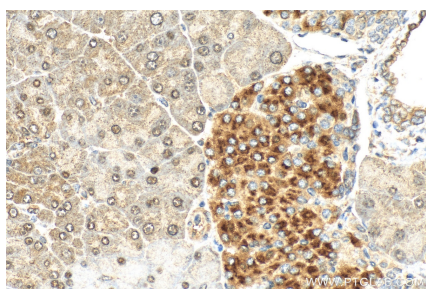
Various lysates were subjected to SDS PAGE followed by western blot with 15718-1-AP (BCKDK antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of BCKDK antibody (15718-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-BCKDK transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 15718-1-AP (BCKDK antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 15718-1-AP (BCKDK antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).