

For Research Use Only

# RIPK1-Specific Polyclonal antibody

Catalog Number: 17519-1-AP

Featured Product

136 Publications



## Basic Information

### Catalog Number:

17519-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_003804

### GeneID (NCBI):

8737

### UNIPROT ID:

Q13546

### Full Name:

receptor (TNFRSF)-interacting serine-threonine kinase 1

### Calculated MW:

76 kDa

### Observed MW:

70-80 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:8000

IHC: 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

mouse, rat

### Cited Species:

human, mouse, rat, pig, yeast

**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 spleen tissue, rat liver tissue, rat heart tissue, rat spleen tissue

IHC: mouse small intestine tissue,

## Background Information

RIPK1(Receptor-interacting serine/threonine-protein kinase 1) is primarily involved in mediating TNF-R1-induced cell activation, apoptosis, and necroptosis and belongs to a novel class of kinases that function in cell survival and cell death mechanisms(PMID:22685397). It has 2 isoforms produced by alternative splicing. It also can exist as a protein with a lower molecular weight of about 25 kDa and 45 kDa in HAEC and HUVEC(PMID:22685397).

## Notable Publications

Author	Pubmed ID	Journal	Application
Xingkang Wu	34597653	J Ethnopharmacol	WB
Ying Tu	36155221	Environ Pollut	WB
Xiao-Ling Zhou	33041798	Front Pharmacol	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

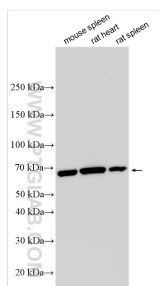
For technical support and original validation data for this product please contact:

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

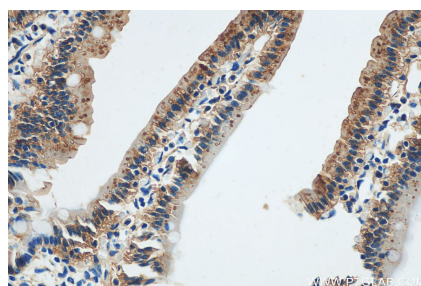
E: proteintech@ptglab.com  
W: ptglab.com

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 17519-1-AP (RIPK1-Specific antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 17519-1-AP (RIPK1-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).