

For Research Use Only

RIP3 Polyclonal antibody

Catalog Number: 17563-1-AP

Featured Product

44 Publications



Basic Information

Catalog Number:

17563-1-AP

Size:

150ul, Concentration: 340 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11759

GenBank Accession Number:

BC062584

GeneID (NCBI):

11035

Full Name:

receptor-interacting serine-threonine kinase 3

Calculated MW:

518 aa, 57 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:100-1:400

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

CoIP, IF, IHC, IP, WB

Species Specificity:

human, mouse

Cited Species:

human, mouse, 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 : SW 1990 cells, Jurkat cells, HeLa cells

IP : SW 1990 cells,

IHC : human pancreas tissue,

Background Information

RIPK3, also named as RIP3, a Ser/Thr kinase of RIP (Receptor Interacting Protein) family, is recruited to the TNFR1 signaling complex through RIP and has been shown to mediate apoptosis induction and NF-κB activation. RIPK3 is a nucleocytoplasmic shuttling protein and its unconventional nuclear localization signal (NLS, 442-472 aa) is sufficient to trigger apoptosis in the nucleus (PMID:18533105). It has 3 isoforms produced by alternative splicing. RIPK3 might form a homodimer within cells, and its apoptotic activity may not be required for this dimerization (PMID:18533105).

Notable Publications

Author	Pubmed ID	Journal	Application
Huojun Zhang	34536498	Life Sci	WB
Xiao-Ling Zhou	33041798	Front Pharmacol	WB
Lu Yuan	32918989	Food Chem Toxicol	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

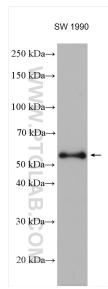
For technical support and original validation data for this product please contact:

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

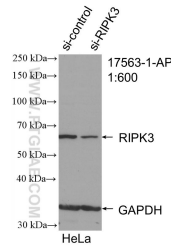
E: proteintech@ptglab.com
W: ptglab.com

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

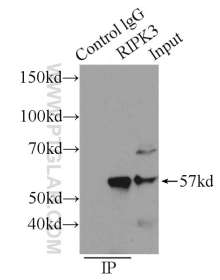
Selected Validation Data



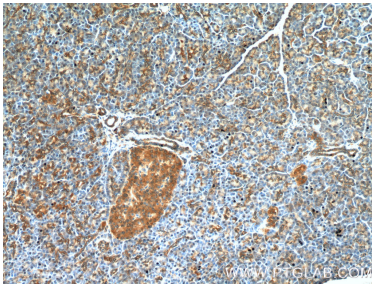
Various lysates were subjected to SDS PAGE followed by western blot with 17563-1-AP (RIP3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



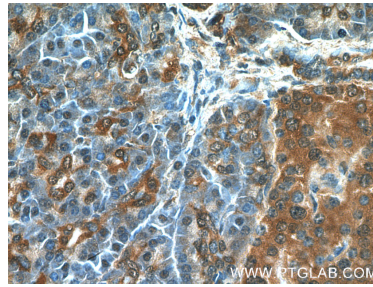
WB result of RIP3 antibody (17563-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-RIP3 transfected HeLa cells.



IP Result of anti-RIP3 (IP:17563-1-AP, 3ug; Detection:17563-1-AP 1:300) with SW 1990 cells lysate 3000ug.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 17563-1-AP (RIP3) antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 17563-1-AP (RIP3) antibody at dilution of 1:200 (under 40x lens).