

For Research Use Only

RIPK2 Polyclonal antibody

Catalog Number: 15366-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

15366-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0909

GenBank Accession Number:

BC004553

GeneID (NCBI):

8767

UNIPROT ID:

O43353

Full Name:

receptor-interacting serine-threonine kinase 2

Calculated MW:

61 kDa

Observed MW:

46-55 kDa, 61-72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:8000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IF, IP, ColP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, pig

Positive Controls:

WB: HEK-293T cells, HeLa cells, THP-1 cells

IP: HEK-293T cells,

Background Information

RIPK2 is also named as CARDIAK, RICK, RIP2 and belongs to the receptor-interacting serine/threonine-protein kinase(RIPK) family. RIPK2 functions as a key signaling protein in host defense responses induced by activation of the cytosolic pattern recognition receptors (PRR) NOD1 and NOD2. It has also been reported to mediate other cellular responses, including TLR signaling, caspase 1 activation, apoptosis and autophagy(PMID:22685397). It has 2 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Menghui Xu	36290677	Antioxidants (Basel)	WB
Bin Huang	36222691	Microbiol Spectr	WB
Chun-Xia Shi	32432055	Front Cell Infect Microbiol	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

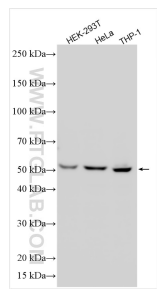
For technical support and original validation data for this product please contact:

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

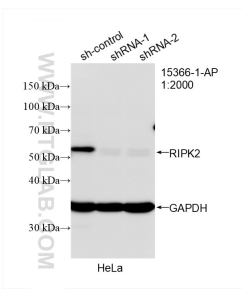
E: proteintech@ptglab.com
W: ptglab.com

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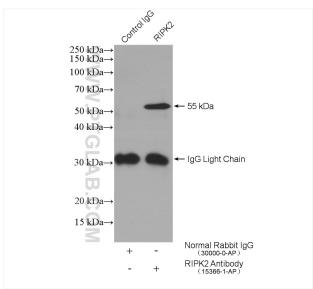
Selected Validation Data



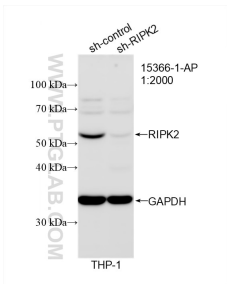
Various lysates were subjected to SDS PAGE followed by western blot with 15366-1-AP (RIPK2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



WB result of RIPK2 antibody (15366-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RIPK2 transfected HeLa cells.



IP result of anti-RIPK2 (IP:15366-1-AP, 4ug; Detection:15366-1-AP 1:300) with HEK-293T cells lysate 1320 ug.



WB result of RIPK2 antibody (15366-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RIPK2 transfected THP-1 cells.