

For Research Use Only

RIPK2 Polyclonal antibody

Catalog Number: 15366-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number: 15366-1-AP	GenBank Accession Number: BC004553	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8767	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: receptor-interacting serine-threonine kinase 2	
Isotype: IgG	Calculated MW: 61 kDa	
Immunogen Catalog Number: AG0909	Observed MW: 46-55 kDa, 61-72 kDa	

Applications

Tested Applications:
IP, WB, ELISA

Cited Applications:
CoIP, IF, IP, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, pig

Positive Controls:

WB : HEK-293T cells, mouse brain tissue, 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

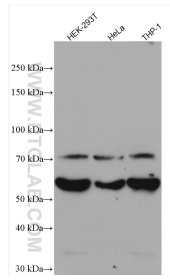
For technical support and original validation data for this product please contact:

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

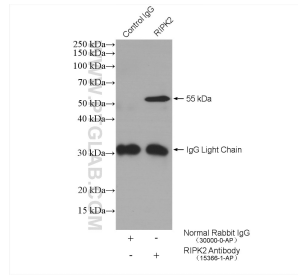
E: proteintech@ptglab.com
W: ptglab.com

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 15366-1-AP (RIPK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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