

For Research Use Only

# RIP3 Polyclonal antibody

Catalog Number: 29080-1-AP



## Basic Information

|   |   |  |
|---|---|--|
| <b>Catalog Number:</b><br>29080-1-AP                          | <b>GenBank Accession Number:</b><br>BC062584                        | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 800 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>11035                                      | <b>Recommended Dilutions:</b><br>WB 1:2000-1:10000           |
| <b>Source:</b><br>Rabbit                                      | <b>Full Name:</b><br>receptor-interacting serine-threonine kinase 3 |  |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>518 aa, 57 kDa                             |  |
| <b>Immunogen Catalog Number:</b><br>AG30337                   | <b>Observed MW:</b><br>57 kDa                                       |  |

## Applications

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| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : THP-1 cells, |
| <b>Species Specificity:</b><br>Human     |  |

## 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).

## Storage

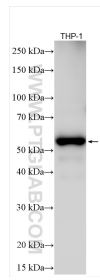
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 29080-1-AP (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.