

For Research Use Only

# RIPK2 Recombinant antibody

Catalog Number: 85760-4-RR



## Basic Information

Catalog Number:

85760-4-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

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:

Protein A purification

CloneNo.:

250069D9

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HEK-293T cells, THP-1 cells, Ramos cells, Raji cells, Jurkat cells, EL-4 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.

## 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

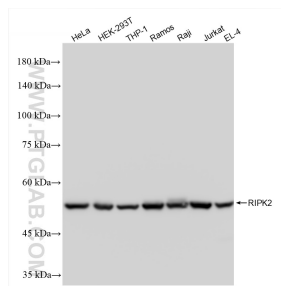
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85760-4-RR (RPK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.