

Phospho-RIP3-T231/S232 Rabbit mAb

Catalog No.: AP1647 **Recombinant**

Basic Information

Observed MW

46-62 kDa

Calculated MW

53 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC3864

Background

Enables NF-kappaB-inducing kinase activity and protein serine/threonine kinase activity. Involved in several processes, including execution phase of necroptosis; hematopoietic or lymphoid organ development; and regulation of programmed cell death. Acts upstream of or within several processes, including I-kappaB kinase/NF-kappaB signaling; positive regulation of intrinsic apoptotic signaling pathway; and positive regulation of protein deacetylation. Located in cytoplasm and nucleus. Is expressed in several structures, including alimentary system; hemolymphoid system gland; male reproductive gland or organ; primitive streak; and turbinate bone primordium. Orthologous to human RIPK3 (receptor interacting serine/threonine kinase 3).

Recommended Dilutions

WB 1:5000 - 1:14000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

56532

Swiss Prot

P29353

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Rip3; 2610528K09Rik

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

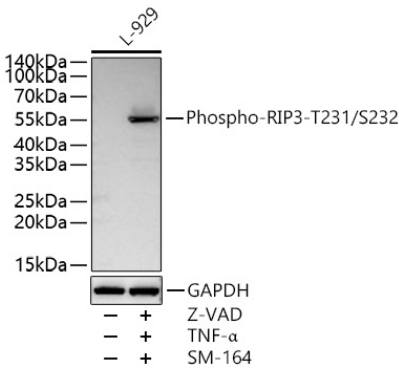
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from L-929 cells using Phospho-RIP3-T231/S232 Rabbit mAb (AP1647) at 1:14000 dilution incubated overnight at 4°C. L-929 cells were treated with Z-VAD (20 µM) at 37°C for 30 minutes, TNF-α (20 ng/mL) and SM-164 (100 nM) at 37°C for 3 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45 s.