

# RIP3 Polyclonal Antibody, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	no preservative
Storage Conditions	4° C
RRID	AB_10853961

Applications	Tested	Dilution	Published
Immunohistochemistry (IHC)	✓	Assay-Dependent	
Western Blot (WB)	✓	0.5-4 µg/mL	

## Product Specific Information

**Description:** This rabbit polyclonal antibody reacts with mouse and rat Receptor Interacting Protein (RIP) 3. This 57 kDa Ser/Thr kinase is ubiquitously expressed and resides primarily within the cytoplasm. However, studies have suggested that this protein can shuttle between the nucleus and cytoplasm. Although its kinase domain is similar to that of RIP1 and 2, RIP3 does not possess a death domain or CARD motif. RIP3 binds to and phosphorylates RIP1, resulting in inhibition of RIP1- and TNFR1-mediated NFκB activation. RIP3 mediates programmed necrosis by regulating TNF-induced reactive oxygen species production. Moreover, studies have also identified RIP3 as the molecular switch between TNF-induced apoptosis and necrosis in some cell types.

**Applications Reported:** This polyclonal antibody has been reported for use in western blotting and immunohistochemical staining.

**Applications Tested:** This polyclonal antibody has been tested by western blot analysis of NIH-3T3 cell lysate. This can be used at 0.5-4 µg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

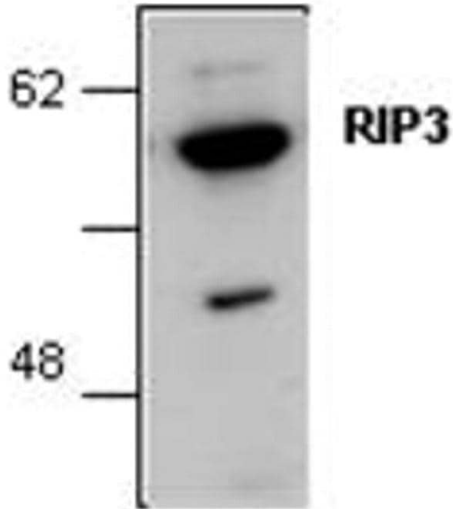
**Purity:** Greater than 90%, as determined by SDS-PAGE.

**Aggregation:** Less than 10%, as determined by HPLC.

**Filtration:** 0.2 µm post-manufacturing filtered.

**RIP3 Antibody (14-6048-82) in WB**

Immunoblotting of NIH-3T3 cells with 4 µg/mL of Anti-Mouse/Rat Receptor Interacting Protein 3 (RIP3) antibody. Bands were visualized using Anti-Rabbit IgG HRP.



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