

# Ripk3 Mouse mAb

**Catalog No.: A27121**

## Basic Information

### Observed MW

60kDa

### Calculated MW

57kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Mouse, Rat

### CloneNo number

AMC0707

## Background

The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor.

## Recommended Dilutions

**WB** 1:1000 - 1:2000

**IHC-P** 1:200 - 1:800

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

11035

### Swiss Prot

Q9Y572

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 101-200 of human RIP3 (NP\_006862.2).

### Synonyms

RIP3; RIPK3

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG1 κ

### Purification

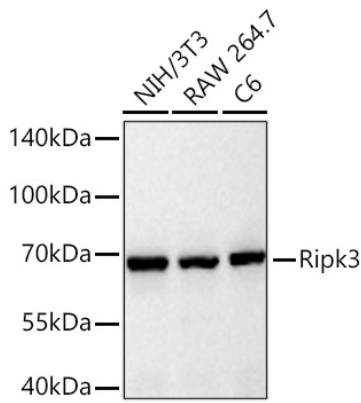
Affinity purification

### Storage

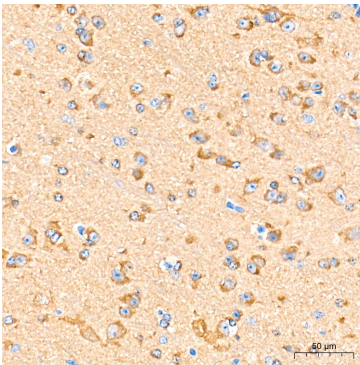
Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% Sodium azide,pH7.2.

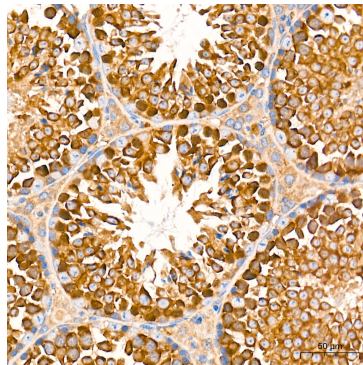
## Validation Data



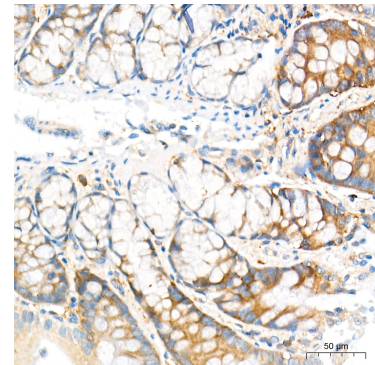
Western blot analysis of various lysates using Ripk3 Mouse mAb (A27121) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45s.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using Ripk3 Mouse mAb (A27121) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using Ripk3 Mouse mAb (A27121) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Ripk3 Mouse mAb (A27121) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.