

# RING1B/RNF2 Rabbit mAb

Catalog No.: A3564 **Recombinant**

## Basic Information

### Observed MW

41kDa

### Calculated MW

38kDa

### Category

Primary antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0802

## Background

Polycomb group (PcG) of proteins form the multiprotein complexes that are important for the transcription repression of various genes involved in development and cell proliferation. The protein encoded by this gene is one of the PcG proteins. It has been shown to interact with, and suppress the activity of, transcription factor CP2 (TFCP2/CP2). Studies of the mouse counterpart suggested the involvement of this gene in the specification of anterior-posterior axis, as well as in cell proliferation in early development. This protein was also found to interact with huntingtin interacting protein 2 (HIP2), an ubiquitin-conjugating enzyme, and possess ubiquitin ligase activity.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

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

## Contact

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## Immunogen Information

### Gene ID

6045

### Swiss Prot

Q99496

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

BAP1; DING; BAP-1; HIPI3; RING2; LUSYAM; RING1B; RING1B/RNF2

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

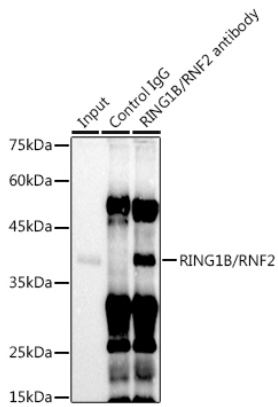
Affinity purification

### Storage

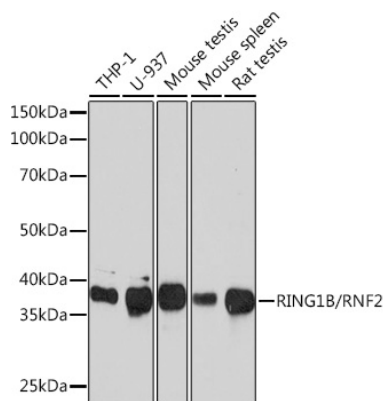
Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data



Immunoprecipitation analysis of 300 µg extracts of U-937 cells using 3 µg RING1B/RNF2 Rabbit mAb (A3564). Western blot was performed from the immunoprecipitate using RING1B/RNF2 Rabbit mAb (A3564) at a dilution of 1:500.



Western blot analysis of various lysates using RING1B/RNF2 Rabbit mAb (A3564) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.