# RING1B/RNF2 Rabbit PolymAb®

**Catalog NO.: A26420PM**

## Basic Information

### Observed MW
41kDa

### Calculated MW
38kDa

### Category
Monoclonal Antibodies

### Applications
WB, IHC-P, IP, ELISA

### Cross-Reactivity
Human, Mouse, Rat

### Conjugation
Unconjugated

## 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** | 1:3000 - 1:9000 |
| **IHC-P** | 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.

## Immunogen Information

### Gene ID
6045

### Swiss Prot
Q99496

### Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms
BAP1; DING; BAP-1; HIPI3; RING2; LUSYAM; RING1B

## Contact

## Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

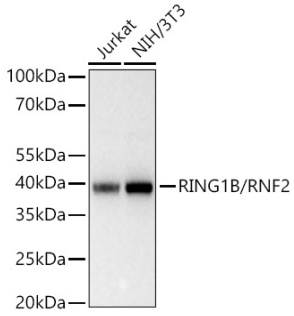
**Source**
Rabbit

**Isotype**
IgG

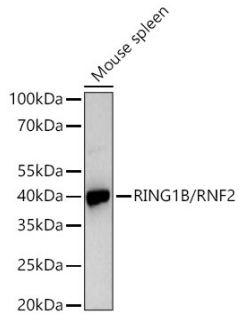
**Purification**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

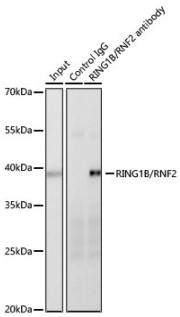
## Validation Data




Western blot analysis of various lysates using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at 1:3000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) 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: 5s.

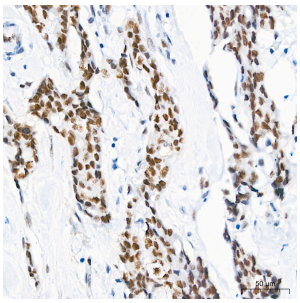



Western blot analysis of lysates from Mouse spleen using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at 1:3000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

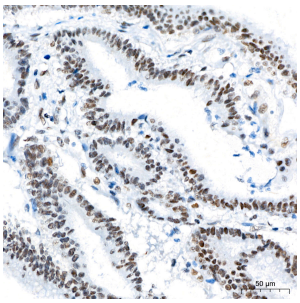



Immunoprecipitation of RING1B/RNF2 from 300 µg extracts of NIH/3T3 was performed using 2 µg of RING1B/RNF2 Rabbit PolymAb® (A26420PM). Rabbit IgG isotype control (AC042) was used to precipitate the Control IgG sample. IP samples were eluted with 1× reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using RING1B/RNF2 Rabbit PolymAb®(A26420PM) at a dilution of 1:3000.

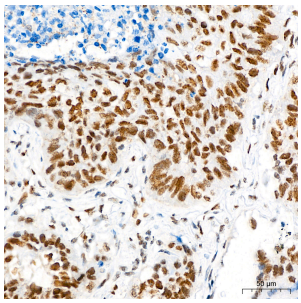
## Validation Data



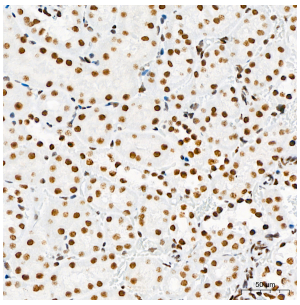
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



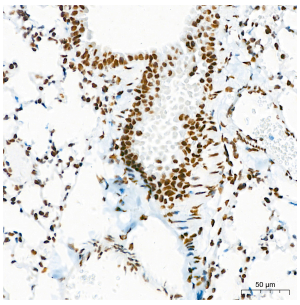
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



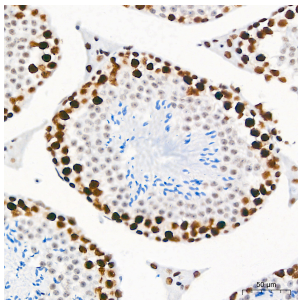
Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



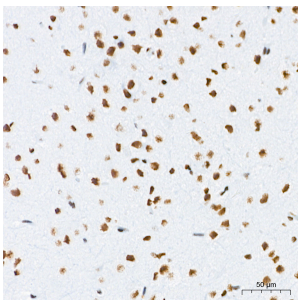
Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at a dilution of 1:1000 (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 RING1B/RNF2 Rabbit PolymAb® (A26420PM) at a dilution of 1:1000 (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 brain tissue using RING1B/RNF2 Rabbit PolymAb® (A26420PM) at a dilution of 1:1000 (40x lens). High

pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

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