

A3564

Leader in Biomolecular Solutions for Life Science



RING1B/RNF2 Rabbit mAb

Catalog No.: A3564

Recombinant

Basic Information

Observed MW

41kDa

Calculated MW

38kDa

Category

SMab Recombinant Monoclonal
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.

Immunogen Information

Gene ID

6045

Swiss Prot

Q99496

Immunogen

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

Synonyms

BAP1; DING; BAP-1; HIP13; RING2; LUSYAM; RING1B; RING1B/RNF2

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

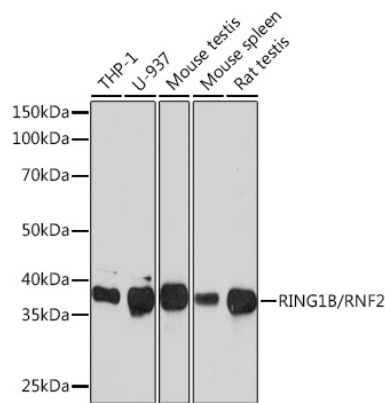
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Contact

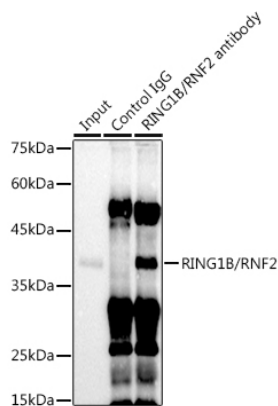


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Validation Data



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.



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