A18076

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[KO Validated] RING1B/RNF2 Rabbit pAb

Catalog No.: A18076 KO Validated

Basic Information

Observed MW
38kDa

Calculated MW
38kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,IP,ChIP,ELISA

Cross-Reactivity
Human,Mouse,Rat

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
IF/ICC	1:50 - 1:200
IP	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.
ChIP	1:50 - 1:200

Contact

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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; F2

Product Information

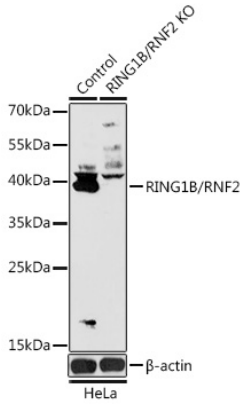
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and RING1B/RNF2 knockout (KO) HeLa cells, using [KO Validated] RING1B/RNF2 Rabbit pAb (A18076) 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: 180s.