BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Mouse Ring1 Antibody (C-term)

Catalog Number: A01824

About Ring1

Constitutes one of the E3 ubiquitin-protein ligases that mediate monoubiquitination of 'Lys-119' of histone H2A, thereby playing a central role in histone code and gene regulation. H2A 'Lys-119' ubiquitination gives a specific tag for epigenetic transcriptional repression and participates in X chromosome inactivation of female mammals. Essential component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, rendering chromatin heritably changed in its expressibility. Compared to RNF2/RING2, it does not have the main E3 ubiquitin ligase activity on histone H2A, and it may rather act as a modulator of RNF2/RING2 activity (By similarity).

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Overview

Product Name	Anti-Mouse Ring1 Antibody (C-term)
Reactive Species	Mouse
Description	Boster Bio Anti-Mouse Ring1 Antibody (C-term) (Catalog # A01824). Tested in WB application(s). This antibody reacts with Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O35730

Technical Details

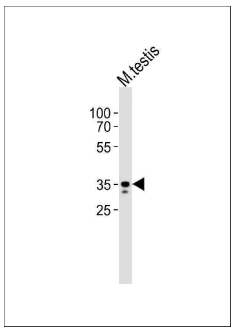
Immunogen	This Mouse Ring1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 306-340 amino acids from the C-terminal region of human Mouse Ring1.
Predicted Reactive Species	Mouse, Rat

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Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000

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Anti-Mouse Ring1 Antibody (C-term) (A01824) Images



Western blot analysis of lysate from mouse testis tissue, using Mouse Ring1 Antibody (C-term). A01824 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Anti-Mouse Ring1 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.