

RING1 antibody

Product Information

Catalog No.:	FNab07308
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	ring finger protein 1
Synonyms:	E3 ubiquitin-protein ligase RING1 Polycomb complex protein RING1 RING finger protein 1 RING-type E3 ubiquitin transferase RING1 Really interesting new gene 1 protein RING1 RING1A RNF1
Observed MW:	50 kDa
Uniprot ID :	Q06587

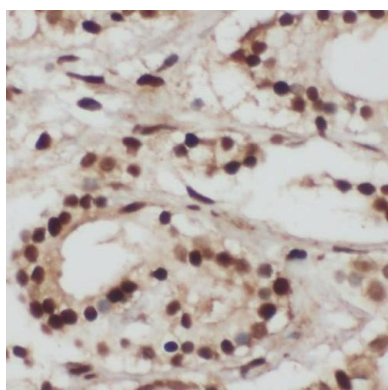
Application

Reactivity: Human, Mouse, Rat

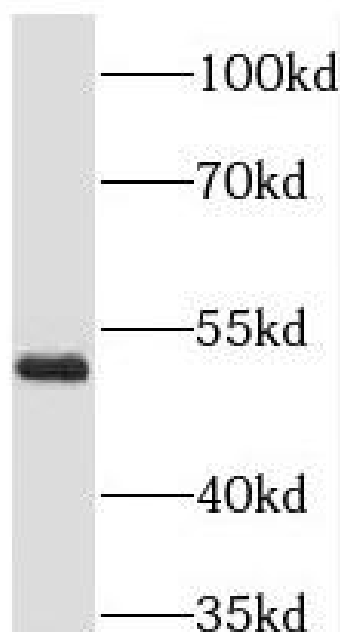
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human prostate cancer using FNab07308(RING1 antibody) at dilution of 1:50



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab07308(RING1 antibody) at dilution of 1:500