

BMI1 Rabbit mAb
Catalog # AP77595**Specification****BMI1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	P35226
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	36949

BMI1 Rabbit mAb - Additional Information

Gene ID 100532731;648

Other Names

BMI1

Dilution

WB~~1/500-1/1000

Format

Liquid

BMI1 Rabbit mAb - Protein Information

Name BMI1

Synonyms PCGF4, RNF51

Function

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; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility (PubMed: [15386022](http://www.uniprot.org/citations/15386022), PubMed: [16359901](http://www.uniprot.org/citations/16359901), PubMed: [16714294](http://www.uniprot.org/citations/16714294), PubMed: [21772249](http://www.uniprot.org/citations/21772249), PubMed: [25355358](http://www.uniprot.org/citations/25355358), PubMed: [26151332](http://www.uniprot.org/citations/26151332), PubMed: [27827373](http://www.uniprot.org/citations/27827373)). The complex composed of RNF2, UB2D3 and BMI1 binds nucleosomes, and has activity only with nucleosomal histone H2A (PubMed: [21772249](http://www.uniprot.org/citations/21772249), PubMed: [25355358](http://www.uniprot.org/citations/25355358)). In the PRC1-like complex, regulates the E3 ubiquitin-protein ligase activity of RNF2/RING2 (PubMed: [25355358](http://www.uniprot.org/citations/25355358)).

href="http://www.uniprot.org/citations/15386022" target="_blank">15386022, PubMed:21772249, PubMed:26151332).

Cellular Location

Nucleus. Cytoplasm

BMI1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BMI1 Rabbit mAb - Images

