

**BMI1 Rabbit mAb**  
Catalog # AP76410**Specification**

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**BMI1 Rabbit mAb - Product Information**

Application	<b>WB, IF, IP</b>
Primary Accession	<a href="#">P35226</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>36949</b>

**BMI1 Rabbit mAb - Additional Information****Gene ID** 100532731;648**Other Names**

BMI1

**Dilution**

WB~~1/500-1/1000

IF~~1/50-1/200

IP~~1/20

**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: <a href="http://www.uniprot.org/citations/15386022" target="\_blank">15386022</a>, PubMed: <a href="http://www.uniprot.org/citations/16359901" target="\_blank">16359901</a>, PubMed: <a href="http://www.uniprot.org/citations/16714294" target="\_blank">16714294</a>, PubMed: <a href="http://www.uniprot.org/citations/21772249" target="\_blank">21772249</a>, PubMed: <a href="http://www.uniprot.org/citations/25355358" target="\_blank">25355358</a>, PubMed: <a href="http://www.uniprot.org/citations/26151332" target="\_blank">26151332</a>, PubMed: <a href="http://www.uniprot.org/citations/27827373" target="\_blank">27827373</a>). The complex composed of RNF2, UB2D3 and BMI1 binds nucleosomes, and has activity only with nucleosomal histone H2A (PubMed: <a href="http://www.uniprot.org/citations/21772249" target="\_blank">21772249</a>, PubMed: <a href="http://www.uniprot.org/citations/21772249" target="\_blank">21772249</a>, PubMed: <a href="http://www.uniprot.org/citations/21772249" target="\_blank">21772249</a>).

[25355358](http://www.uniprot.org/citations/25355358)). In the PRC1-like complex, regulates the E3 ubiquitin-protein ligase activity of RNF2/RING2 (PubMed:[15386022](http://www.uniprot.org/citations/15386022), PubMed:[21772249](http://www.uniprot.org/citations/21772249), PubMed:[26151332](http://www.uniprot.org/citations/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



