

# BMI1 Rabbit mAb

Catalog # AP77595

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC
<b>Primary Accession</b>	<a href="#">P35226</a>
<b>Reactivity</b>	Rat, Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Bmi1
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	36949

## Additional Information

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<b>Gene ID</b>	100532731;648
<b>Other Names</b>	BMI1
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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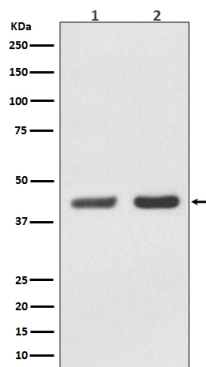
<b>Name</b>	BMI1
<b>Synonyms</b>	PCGF4, RNF51
<b>Function</b>	Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility (PubMed: <a href="#">15386022</a> , PubMed: <a href="#">16359901</a> , PubMed: <a href="#">16714294</a> , PubMed: <a href="#">21772249</a> , PubMed: <a href="#">25355358</a> , PubMed: <a href="#">26151332</a> , PubMed: <a href="#">27827373</a> ). The complex composed of RNF2, UB2D3 and BMI1 binds nucleosomes, and has activity only with nucleosomal histone H2A (PubMed: <a href="#">21772249</a> , PubMed: <a href="#">25355358</a> ). In the PRC1-like complex, regulates the E3 ubiquitin-protein ligase activity of RNF2/RING2 (PubMed: <a href="#">15386022</a> , PubMed: <a href="#">21772249</a> , PubMed: <a href="#">26151332</a> ).

Cellular Location

Nucleus. Cytoplasm

## Images

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