

**BMI-1 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10718****Specification**

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**BMI-1 Antibody - Product Information**

|                   |                                     |
|-------------------|-------------------------------------|
| Application       | WB                                  |
| Primary Accession | <a href="#">B4F7B6</a>              |
| Other Accession   | <a href="#">NP_001100838</a>        |
| Reactivity        | Human, Mouse, Rat, Bovine, Dog, Cat |
| Host              | Rabbit                              |
| Clonality         | Polyclonal                          |
| Isotype           | Rabbit IgG                          |

**BMI-1 Antibody - Additional Information**

|                     |  |
|---------------------|--|
| Application & Usage | Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. The antibody recognizes ~34 kDa of Bmi-1 in Jurkat cell lysate and rat kidney tissue lysate. Reactivity to other species has not been tested. |
|---------------------|--|

**Target/Specificity**  
Bmi1 protein**Antibody Form**  
Liquid**Appearance**  
Colorless liquid**Formulation**  
100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.**Handling**  
The antibody solution should be gently mixed before use.**Reconstitution & Storage**  
-20 °C**Background Descriptions****Precautions**  
BMI-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

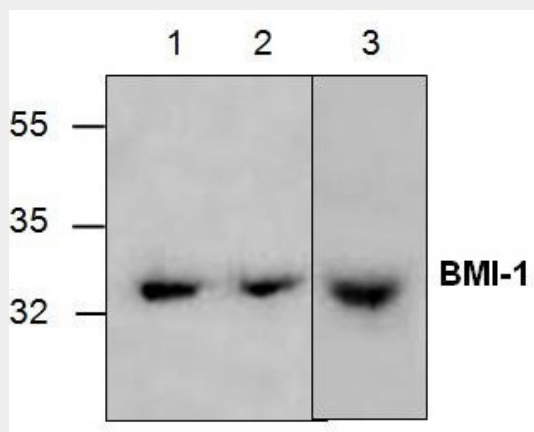
## BMI-1 Antibody - Protein Information

## BMI-1 Antibody - 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](#)

## BMI-1 Antibody - Images



Western blot analysis of Bmi-1 expression in lysate from Jurkat cells (Lane 1&2) and rat kidney (Lane 3).

## BMI-1 Antibody - Background

Polycomb group (PcG) genes encode chromatin proteins that are involved in the maintenance of cellular memory through epigenetic chromatin modifications. Bmi-1 has been identified among the PcG genes as a potent oncogene that plays an important role in the regulation of cell proliferation by suppressing the p16-dependant pathway. Bmi-1 may be used as a therapeutic target for studying stem cell proliferation and renewal.