

## Product datasheet for **TA349640**

### BMI1 Rabbit Polyclonal Antibody

#### Product data:

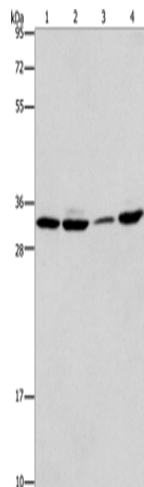
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: 231 and A549 cells, hela cells and mouse brain tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BMI1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	BMI1 proto-oncogene, polycomb ring finger
Database Link:	<a href="#">NP_005171</a> <a href="#">Entrez Gene 12151 Mouse</a> <a href="#">Entrez Gene 648 Human</a> <a href="#">P35226</a>
Background:	BMI1 polycomb ring finger oncogene, also known as BMI1, is a protein which in humans is encoded by the BMI1 gene. 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. In the PRC1 complex, it is required to stimulate the E3 ubiquitin-protein ligase activity of RNF2/RING2.
Synonyms:	BMI1; FLVI2; PCGF4; RNF51



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Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

### Product images:



Gel: 10%SDS-PAGE

Lysate: 40  $\mu$ g

Lane 1-4: 231 cells

A549 cells

hela cells

mouse brain tissue

Primary antibody: TA349640 (BMI1 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute