

Rabbit anti-Mouse Bmi1 Polyclonal Antibody | anti-Bmi1 antibody

(Mouse) Bmi1 Antibody (Center)

CATALOG # AAA284070	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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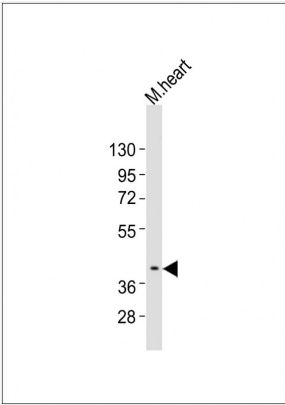
PRODUCT SYNONYMS

Bmi1; Polyclonal Antibody; (Mouse) Bmi1 Antibody (Center); Polycomb complex protein BMI-1; Polycomb group RING finger protein 4; Bmi-1; Pcgf4; anti-Bmi1 antibody

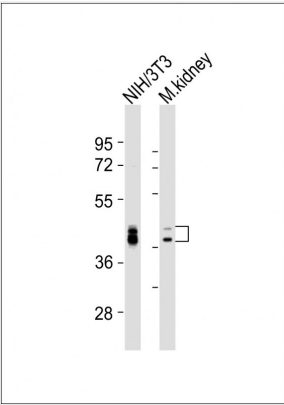
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Bmi1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 109-143 amino acids from the Central region of Mouse Bmi1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Length	324
Applicable Applications for anti-Bmi1 antibody	WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-Bmi1 Antibody (Center) at 1:2000 dilution + mouse heart lysates. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.



WB (Western Blot)
All lanes : Anti-Bmi1 Antibody (Center) at 1:2000 dilution. Lane 1: NIH/3T3 whole cell lysates. Lane 2: mouse kidney lysates. Lysates/proteins at 20 ug per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Bmi1 antibody	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 (By similarity).
Product Categories/Family for anti-Bmi1 antibody	Crown Antibodies; Cancer; Developmental Biology; Neuroscience; Signal Transduction; Stem Cells
References	Haupt Y.,et al.Cell 65:753-763(1991). van Lohuizen M.,et al.Cell 65:737-752(1991). Cao R.,et al.Mol. Cell 20:845-854(2005). Buchwald G.,et al.EMBO J. 25:2465-2474(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	46559391
NCBI GeneID	12151
NCBI Accession #	NP_031578.2
NCBI GenBank Nucleotide #	NM_007552.4
UniProt Accession #	P25916
Molecular Weight	36708
NCBI Official Full Name	polycomb complex protein BMI-1
NCBI Official Synonym Full Names	Bmi1 polycomb ring finger oncogene
NCBI Official Symbol	Bmi1
NCBI Official Synonym Symbols	Bmi-1; Pcgf4; AW546694
NCBI Protein Information	polycomb complex protein BMI-1
UniProt Protein Name	Polycomb complex protein BMI-1
UniProt Gene Name	Bmi1

UniProt Synonym Gene Names	Bmi-1; Pcgf4
UniProt Entry Name	BMI1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bmi1-antibody-western-blot-elisa/284070>