

Rabbit anti-Human, Mouse BMI1 Polyclonal Antibody | anti-BMI1 antibody

BMI1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174251	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

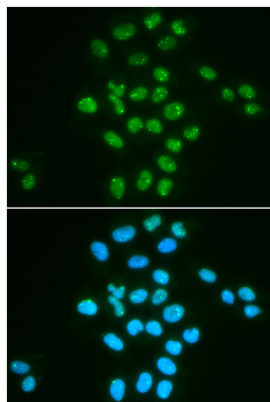
PRODUCT SYNONYMS

BMI1; Polyclonal Antibody; BMI1 Polyclonal Antibody; B lymphoma Mo MLV insertion region (mouse); B lymphoma Mo MLV insertion region 1 homolog; Bmi 1; BMI1 polycomb ring finger oncogene; Flvi 2/bmi 1; FLVI2/BMI1; MGC12685; Murine leukemia viral (bmi 1) oncogene homolog; Oncogene BMI 1; PCGF 4; PCGF4; Polycomb complex protein BMI 1; Polycomb complex protein BMI-1; Polycomb group protein Bmi1; Polycomb group ring finger 4; Polycomb group RING finger protein 4; RING finger protein 51; RNF 51; RNF51; anti-BMI1 antibody

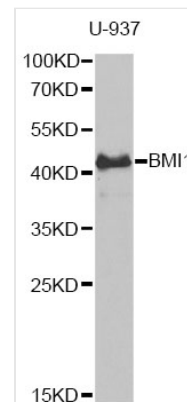
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	326
Applicable Applications for anti-BMI1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human BMI1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using BMI1 antibody.


WB (Western Blot)

Western blot analysis of extracts of U-937 cells, using BMI1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BMI1 antibody	This gene encodes a ring finger protein that is major component of the polycomb group complex 1 (PRC1). This complex functions through chromatin remodeling as an essential epigenetic repressor of multiple regulatory genes involved in embryonic development and self-renewal in somatic stem cells. This protein also plays a central role in DNA damage repair. This gene is an oncogene and aberrant expression is associated with numerous cancers and is associated with resistance to certain chemotherapies. A pseudogene of this gene is found on chromosome X. Read-through transcription also exists between this gene and the upstream COMM domain containing 3 (COMMD3) gene.
Product Categories/Family for anti-BMI1 antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	323276616
NCBI GeneID	100532731
NCBI Accession #	NP_001190991.1
NCBI GenBank Nucleotide #	NM_001204062.1
UniProt Accession #	P35226; Q16030; Q5T8Z3; Q96F37
Molecular Weight	Calculated: 36kDa Observed: 37kDa
NCBI Official Full Name	COMMD3-BMI1 read-through protein
NCBI Official Synonym Full Names	COMMD3-BMI1 readthrough
NCBI Official Symbol	COMMD3-BMI1
NCBI Official Synonym Symbols	BMI1; PCGF4; RNF51
NCBI Protein Information	COMMD3-BMI1 read-through protein
UniProt Protein Name	Polycomb complex protein BMI-1
UniProt Gene Name	BMI1
UniProt Synonym Gene Names	PCGF4; RNF51

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://stage.aaabiotech.com/polyclonal/bmi1-antibody-immunofluorescence-western-blot-elisa/174251>