

Goat anti-Human BMI1 / PCGF4 Polyclonal Antibody | anti-BMI1 antibody

Goat Polyclonal to Human BMI1 / PCGF4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50748	Goat	Human	ELISA, Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

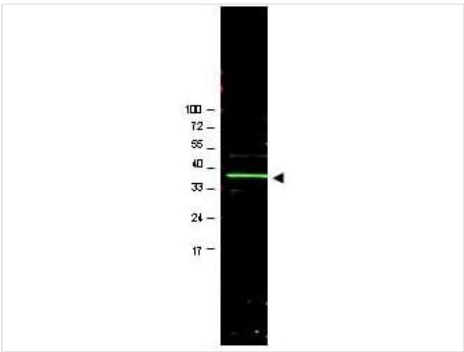
PRODUCT SYNONYMS

BMI1 / PCGF4; Polyclonal Antibody; Goat Polyclonal to Human BMI1 / PCGF4; Anti-BMI1 / PCGF4 Antibody (aa252-264) IHC-plus; BMI1; BMI-1; Flvi-2/bmi-1; FLVI2/BMI1; PCGF4; Polycomb group protein Bmi1; Polycomb complex protein BMI-1; Dna-binding protein bmi-1; Polycomb group ring finger 4; RING finger protein 51; RNF51; Human BMI1; anti-BMI1 antibody

PRODUCT SPECIFICATIONS

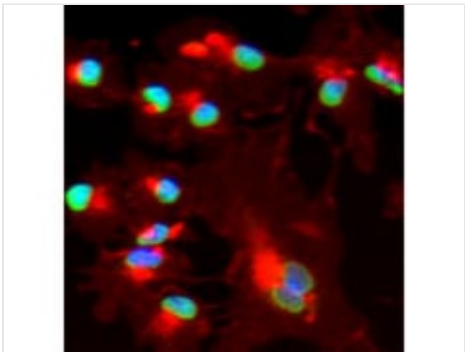
Host	Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	Amino acids 252-264 of human Bmi1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	0.91 mg/ml (varies by lot)
Sequence Length	326
Applicable Applications for anti-BMI1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human BMI1.
Immunogen Type	Synthetic peptide
Immunogen	BMI1 / PCGF4 antibody was raised against synthetic peptide from human BMI1.
Antigen Modification	aa252-264
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

IMAGES



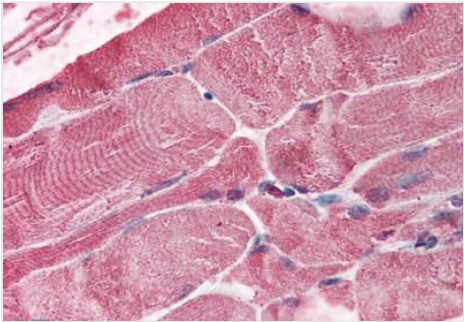
WB (Western Blot)

Anti-Bmi1 Antibody - Western Blot. Western blot of Affinity Purified anti-Bmi1 antibody shows detection of a band ~37 kD corresponding to human Bmi1 (arrowhead). Approximately 20 ug of a U2OS whole cell lysate (bone osteosarcoma) was separated by 4-20% SDS-PAGE and transferred onto nitrocellulose. After blocking in PBS containing 5% nonfat dry milk, the membrane was probed overnight at 4C with the primary antibody diluted to 1:1000 in PBS containing 1% nonfat dry milk. The membrane was washed and reacted with a 1:20000 dilution of IRDye800 conjugated Rb-a-Goat IgG [H&L] MX (for 45 min at room temperature. IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.



IF (Immunofluorescence)

Anti-Bmi1 Antibody - Immunofluorescence Microscopy. Immunofluorescence using affinity purified goat anti-Bmi1 shows nuclear staining (green) of methanol fixed (100%, 5 min) HepG2 cells. The cells were blocked and permeabilized in 1%BSA / 10% normal donkey serum / 0.3 M glycine in 0.1% PBS-Tween for 1h prior to incubation with the primary antibody (1:200 dilution) overnight at +4°C and detected with a 488nm fluorescent dye conjugated secondary Ab. Cell nuclei are stained with DAPI (blue) and plasma membranes are stained with WGA (red).



IHC (Immunohistochemistry)

Anti-BMI-1 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27883842
NCBI GeneID	648
NCBI Accession #	NP_005171.4
NCBI GenBank Nucleotide #	NM_005180.8
UniProt Accession #	P35226; Q16030; Q5T8Z3; Q96F37
Molecular Weight	36,949 Da
NCBI Official Full Name	polycomb complex protein BMI-1
NCBI Official Synonym Full Names	BMI1 proto-oncogene, polycomb ring finger
NCBI Official Symbol	BMI1
NCBI Official Synonym Symbols	PCGF4; RNF51; FLVI2/BMI1
NCBI Protein Information	polycomb complex protein BMI-1; flvi-2/bmi-1; ring finger protein 51; polycomb group protein Bmi1; BMI1 polycomb ring finger oncogene; polycomb group RING finger protein 4; BMI1 polycomb ring finger proto-oncogene; B lymphoma Mo-MLV insertion region 1 homolog; murine leukemia viral (bmi-1) oncogene homolog

UniProt Protein Name	Polycomb complex protein BMI-1
UniProt Gene Name	BMI1
UniProt Synonym Gene Names	PCGF4; RNF51
UniProt Entry Name	BMI1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bmi1-pcgf4-antibody-western-blot-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/50748>