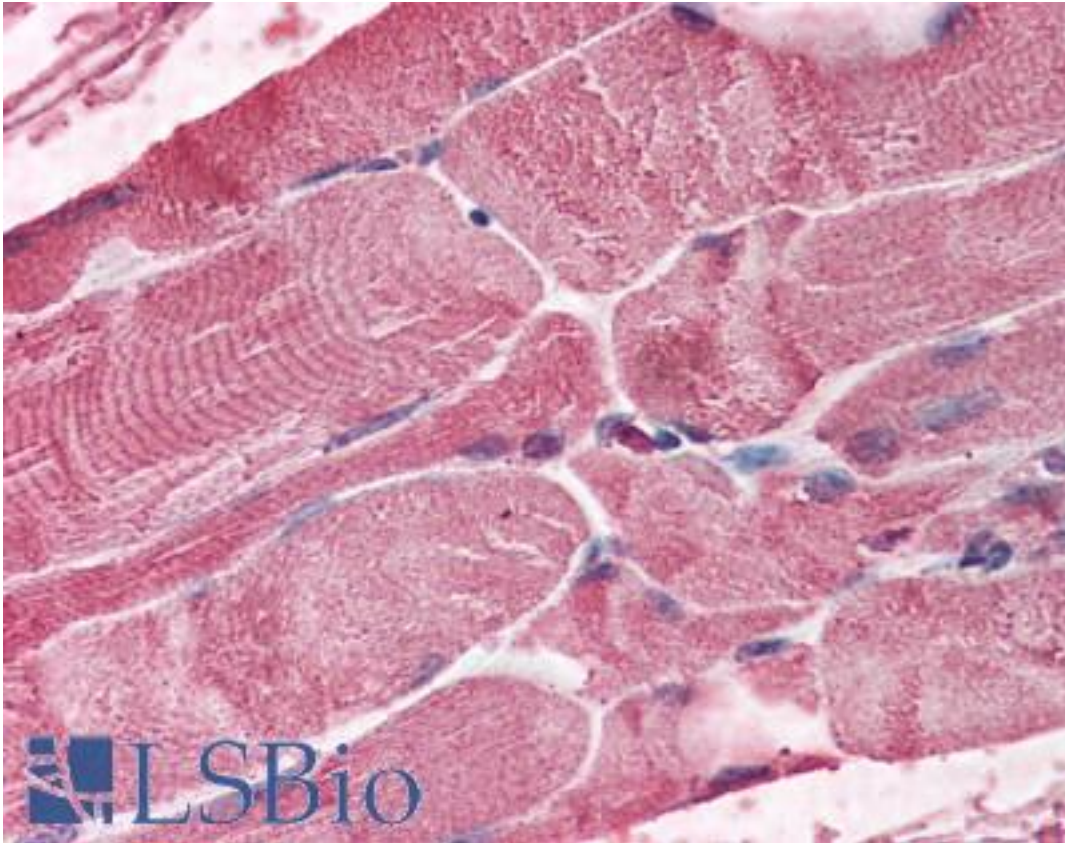


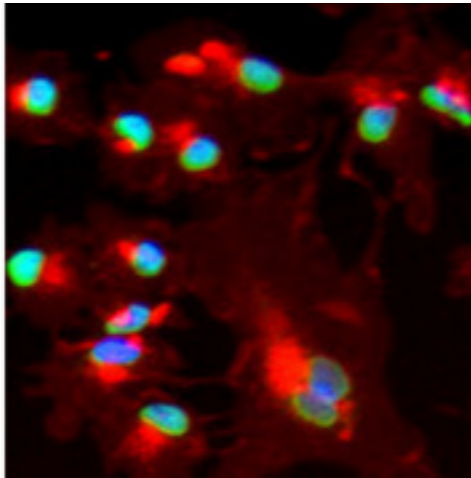
BMI1 / PCGF4 Goat anti-Human Polyclonal (aa252-264) Antibody - LS-B346 - LSBio	
CatalogID:	LS-B346
Validation:	This antibody replaces catalog number LS-C18789. It has been validated for use in the following assays: IHC.
Target:	BMI1 polycomb ring finger oncogene
Synonyms:	BMI1 Antibody, BMI-1 Antibody, Flvi-2/bmi-1 Antibody, FLVI2/BMI1 Antibody, PCGF4 Antibody, Polycomb group protein Bmi1 Antibody, Polycomb complex protein BMI-1 Antibody, Dna-binding protein bmi-1 Antibody, Polycomb group ring finger 4 Antibody, RING finger protein 51 Antibody, RNF51 Antibody
Host	BMI1 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	BMI1 / PCGF4 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	BMI1 / PCGF4 antibody was raised against synthetic peptide from human BMI1.
Specificity:	Amino acids 252-264 of human Bmi1 protein.
Epitope:	aa252-264
Reactivity:	Human
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.
Usage Summary:	Immunohistochemistry: LS-B346 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B346 was determined to be 2.5 ug/ml.
Uses:	IHC - Paraffin (2.5 µg/ml), ICC, Immunofluorescence, Western blot (1:500 - 1:3000), ELISA (1:5000 - 1:30000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.91 mg/ml

Immunohistochemistry Image:



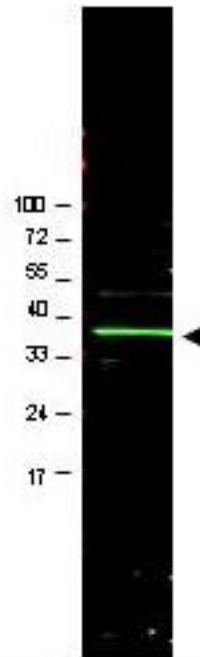
Anti-BMI-1 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B346 concentration 5 ug/ml.

Immunofluorescence Image:



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).

Western Blot Image:



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.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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