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Research Use Only. Not for diagnostic or therapeutic use.

EB12495 - Goat Anti-BMI1 (aa237-251) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BMI1, BMI1 polycomb ring finger oncogene, FLVI2/BMI1, PCGF4, RNF51, B lymphoma Mo-MLV insertion region 1 homolog, flvi-2/bmi-1, murine leukemia viral (bmi-1) oncogene homolog, polycomb complex protein BMI-1, polycomb group RING

finger protein 4, polycomb

Official Symbol: BMI1

Accession Number(s): NP_005171.4

Human GeneID(s): 648

Non-Human GenelD(s): 12151 (mouse)

Immunogen

Peptide with sequence C-SHQRDGLTNAGELES, from the internal region of the protein sequence according to NP_005171.4.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 40kDa band observed in nuclear lysates of cell lines K562 and NIH3T3 (calculated MW of 36.9kDa according to NP_005171.4). This band corresponds to earlier findings in literature with different antibodies (Chagraoui et al, Genes Dev. 2006 Aug 1;20(15):2110-20. PMID: 16882984). Recommended concentration: 0.1-0.3μg/ml. Approx 37kDa band observed in Pig Bone Marrow lysates (calculated MW of 36.9kDa according to NP_001272900.1). Recommended concentration: 1-3μg/ml.

IHC: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Mouse, Pig

Expected from sequence similarity: Human, Mouse, Dog, Pig

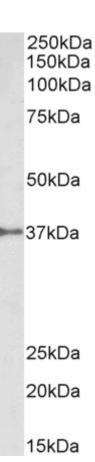
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12495 (0.1μg/ml) staining of K562 nuclear lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

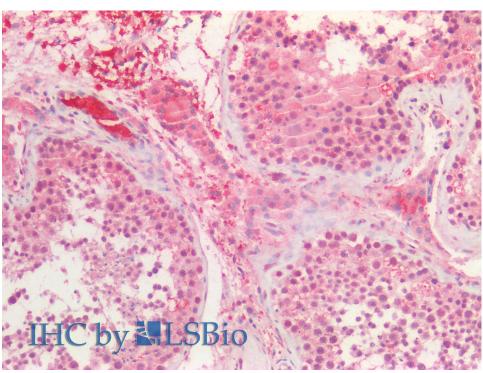
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB12495 (0.3 μ g/ml) staining of NIH3T3 nuclear lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

15kDa



EB12495 (2μg/ml) staining of Pig Bone Marrow lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12495 (5μg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.