

Goat anti-BMI1 (aa237-251) Antibody

Item Number	dAP-3128
Target Molecule	Principle Name: BMI1 (aa237-251); Official Symbol: BMI1; All Names and Symbols: BMI1; BMI1 polycomb ring finger oncogene; FLV12/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 ; Accession Number (s): NP_005171.4; Human Gene ID(s): 648; Non-Human GeneID(s): 12151 (mouse)
Immunogen	SHQRDGLTNAGELES, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Pig
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Cho JH, Dimri M, Dimri GP. A positive feedback loop regulates the expression of polycomb group protein BMI1 via WNT signaling pathway. The Journal of biological chemistry 2013 Feb 288 (5): 3406-18..PMID: 23239878->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**