

Product Datasheet

BMI-1 Antibody - BSA Free NB100-87026

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-87026

BMI-1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

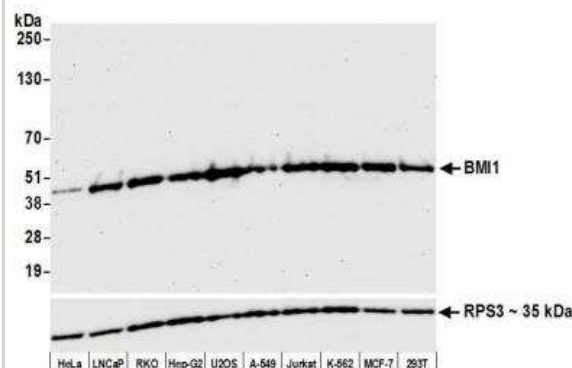
Host	Rabbit
Gene ID	648
Gene Symbol	BMI1
Species	Human, Mouse
Reactivity Notes	Cat (100%), Orangutan (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 276 and 326 of human B lymphoma Mo-MLV insertion region 1 homolog using the numbering given in entry NP_005171.4 (GeneID 648).

Product Application Details

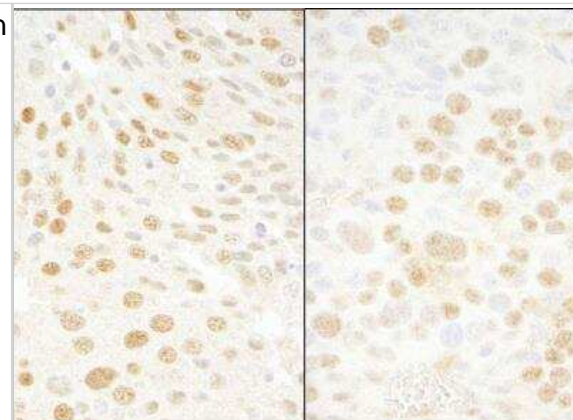
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunohistochemistry 1:500-1:2000, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:500-1:2000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

Images

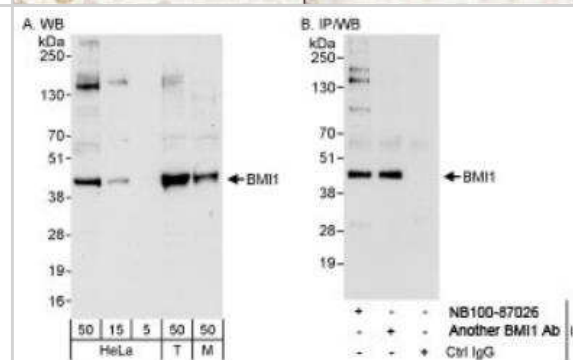
Western Blot: BMI-1 Antibody [NB100-87026] - Detection of human BMI1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, LNCaP, RKO, Hep-G2, U2OS, A-549, Jurkat, K-562, MCF-7, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit anti-BMI1 antibody NB100-87026 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-RPS3.



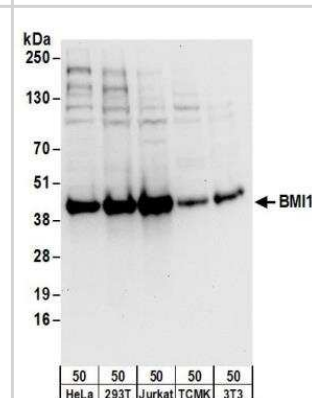
Immunohistochemistry-Paraffin: BMI-1 Antibody [NB100-87026] - Human pancreatic islet cell carcinoma (left) and mouse renal cell carcinoma (right). Antibody used at a dilution of 1:1000 (1ug/ml).



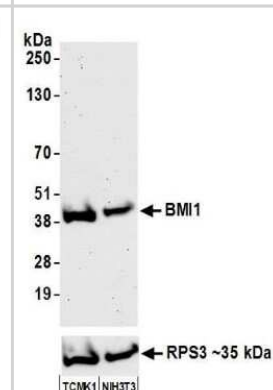
Western Blot: BMI-1 Antibody [NB100-87026] - Detection of Human and Mouse BMI1 on HeLa whole cell lysate using NB100-87026. BMI1 was also immunoprecipitated by another rabbit anti-BMI1 antibody.



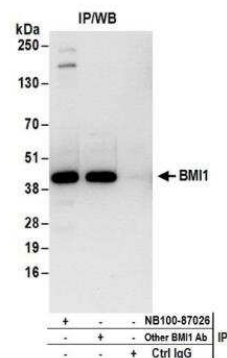
Western Blot: BMI-1 Antibody [NB100-87026] - Detection of Human and Mouse BMI1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells. Antibodies: Affinity purified rabbit anti-BMI1 antibody NB100-87026 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Western Blot: BMI-1 Antibody [NB100-87026] - Detection of mouse BMI1 by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit anti-BMI1 antibody NB100-87026 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-RPS3.



Immunoprecipitation: BMI-1 Antibody [NB100-87026] - Detection of human BMI1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-BMI1 antibody NB100-87026 used for IP at 6 ug/mg lysate. BMI1 was also immunoprecipitated by another rabbit anti-BMI1 antibody. Detection: Chemiluminescence with an exposure time of 10 seconds.



Publications

Parker, G A, Li, N Et al. Histopathological Features of the Development of Intestine and Mesenteric Lymph Node Injury in a Nonhuman Primate Model of Partial-body Irradiation with Minimal Bone Marrow Sparing. Health Phys 2019 -03-01 [PMID: 30624355] (WB, Human)

Ismail IH, Andrin C, McDonald D et al. BMI1-mediated histone ubiquitylation promotes DNA double-strand break repair. J Cell Biol 2010-10-01 [PMID: 20921134]



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Products Related to NB100-87026

NBL1-07997	BMI-1 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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