Product Name: BMI1 Rabbit Monoclonal Antibody
Catalog #: AMRe02916

Summary

Production Name	BMI1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	BMI1
Alternative Names	BMI1; PCGF4; RNF51; Polycomb complex protein BMI-1; Polycomb group RING finger protein 4; RING finger protein 51
Gene ID	100532731
SwissProt ID	P35226.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 43 kDa

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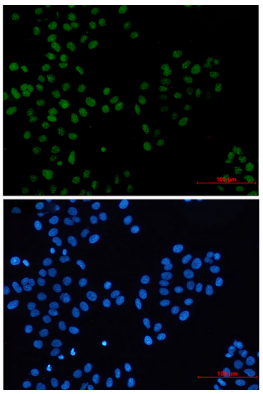
Background

The polycomb group (PcG) of proteins contributes to the maintenance of cell identity, stem cell self-renewal, cell cycle regulation, and oncogenesis by maintaining the silenced state of genes that promote cell lineage specification, cell death, and cell-cycle arrest. PcG proteins exist in two complexes that cooperate to maintain long-term gene silencing through epigenetic chromatin modifications. The first complex, EED-EZH2, is recruited to genes by DNA-binding transcription factors and methylates histone H3 on Lys27.

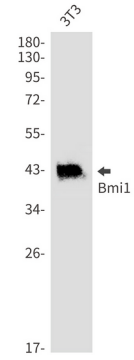
Research Area

Cell Biology

Image Data



Immunocytochemistry analysis of BMI1 (green) in Hela using BMI1 antibody,and DAPI(blue).



Western blot analysis of Bmi1 in 3T3 lysates using Bmi1 antibody.

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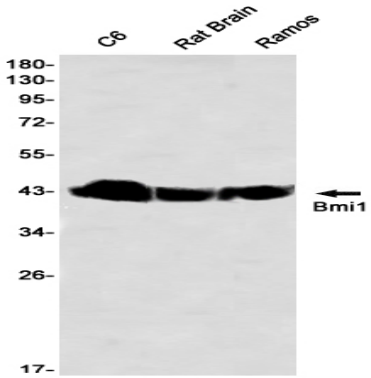

Western blot analysis of Bmi1 in C6, rat Brain, Ramos lysates using Bmi1 antibody

Note

For research use only.