

BMI1 Rabbit mAb

Catalog No: #52726



Package Size: #52726-1 50ul #52726-2 100ul

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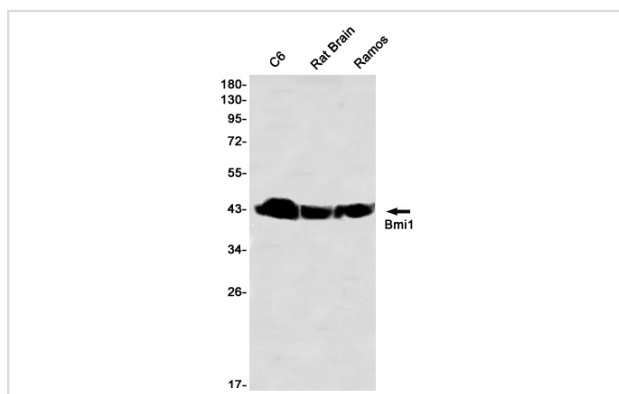
Description

Product Name	BMI1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-7A6
Isotype	IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant protein of human Bmi1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	BMI1; PCGF4; RNF51
Accession No.	Swiss-Prot:P35226GeneID:100532731
Calculated MW	Calculated MW:37 kDa,Observed MW:43 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of Bmi1 in C6,Rat Brain,Ramos using Bmi1 Rabbit mAb(1:1000 diluted)

Background

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility (PubMed:15386022,

PubMed:16359901, PubMed:26151332, PubMed:16714294, PubMed:21772249, PubMed:25355358, PubMed:27827373).

The complex composed of RNF2, UB2D3 and BMI1 binds nucleosomes, and has activity only with nucleosomal histone H2A (PubMed:21772249, PubMed:25355358).

In the PRC1-like complex, regulates the E3 ubiquitin-protein ligase activity of RNF2/RING2 (PubMed:15386022, PubMed:26151332, PubMed:21772249).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.