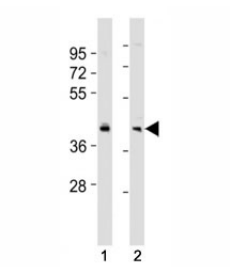
BMI1 Antibody (F53353)

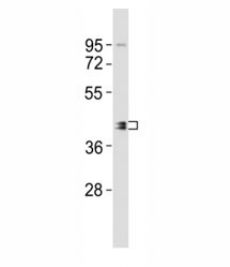
Catalog No.	Formulation	Size
F53353-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53353-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P35226
Applications	Western Blot : 1:1000-2000
Limitations	This BMI1 antibody is available for research use only.



Western blot testing of BMI1 antibody at 1:2000 dilution. Lane 1: SW480 lysate; 2: HeLa lysate; Predicted molecular weight: 37-43 kDa.



Western blot testing of BMI1 antibody at 1:2000 dilution + A549 lysate

Description

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. In the PRC1 complex, it is required to stimulate the E3 ubiquitin-protein ligase activity of RNF2/RING2.

Application Notes

Titration of the BMI1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This BMI1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 230-265 amino acids from the C-terminal region of human BMI1.

Storage

Aliquot the BMI1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.