Datasheet for ABIN6243357

anti-BMI1 antibody (AA 109-143)

2 Images

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Overview

Quantity:	80 µL
Target:	BMI1
Binding Specificity:	AA 109-143
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMI1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Bmi1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 109-143 amino acids from the Central region of Mouse Bmi1.
Clone:	RB52338
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BMI1
Alternative Name:	Bmi1 (BMI1 Products)
Background:	Component of a Polycomb group (PcG) multiprotein PRC1- like complex, a complex class

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Target Details

	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 (By similarity).
Molecular Weight:	36708
UniProt:	P25916
Pathways:	Cell Division Cycle, Autophagy

Application Details

Application Notes:	WB: 1:2000. WB: 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

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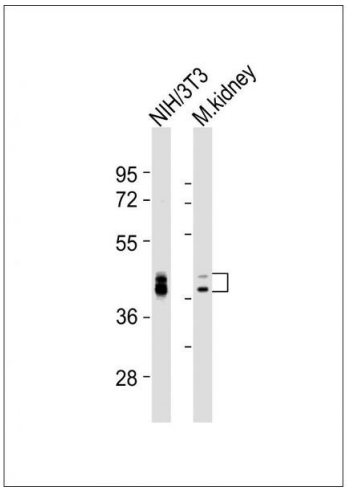
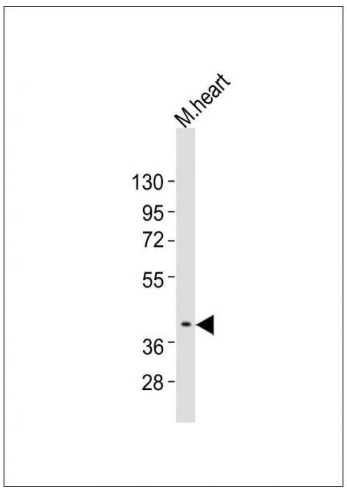


Western Blotting

Image 1. All lanes : Anti-Bmi1 Antibody (Center) at 1:2000 dilution Lane 1: NIH/3T3 whole cell lysates Lane 2: mouse kidney lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 37 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. Anti-Bmi1 Antibody (Center)at 1:2000 dilution + mouse heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 37 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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