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Datasheet for ABIN6242142  
**anti-SUZ12 antibody (AA 375-408)**

1 Image

### Overview

Quantity:	400 µL
Target:	SUZ12
Binding Specificity:	AA 375-408
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUZ12 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This SUZ12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 375-408 amino acids from the Central region of human SUZ12.
Clone:	RB51415
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	SUZ12
Alternative Name:	SUZ12 ( <a href="#">SUZ12 Products</a> )
Background:	Polycomb group (PcG) protein. Component of the PRC2/EED- EZH2 complex, which methylates

## Target Details

'Lys-9' (H3K9me) and 'Lys-27' (H3K27me) of histone H3, leading to transcriptional repression of the affected target gene. The PRC2/EED-EZH2 complex may also serve as a recruiting platform for DNA methyltransferases, thereby linking two epigenetic repression systems. Genes repressed by the PRC2/EED-EZH2 complex include HOXC8, HOXA9, MYT1 and CDKN2A.

Molecular Weight: 83055

UniProt: [Q15022](#)

## Application Details

Application Notes: 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.

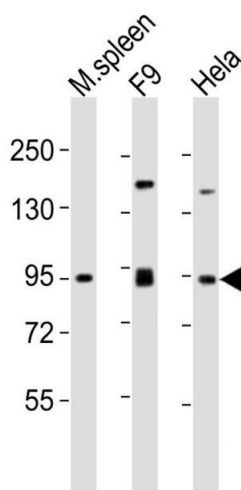
Preservative: Sodium azide

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

## Images



### Western Blotting

**Image 1.** All lanes : Anti-SUZ12 Antibody (Center) at 1:2000 dilution Lane 1: mouse spleen lysates Lane 2: F9 whole cell lysates Lane 3: HeLa whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 83 kDa Blocking/Dilution buffer: 5 % NFD/MTBST.