

Datasheet for ABIN3029058
anti-SUZ12 antibody (AA 381-395)



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2 Images

Overview

Quantity:	0.4 mL
Target:	SUZ12
Binding Specificity:	AA 381-395
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUZ12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This mouse Suz12 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 381-395 amino acids from the Central region of mouse Suz12.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	SUZ12
Alternative Name:	Suz12 (SUZ12 Products)
Background:	Polycomb group (PcG) protein. Component of the PRC2/EED- EZH2 complex, which methylates '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

Target Details

	for DNA methyltransferases, thereby linking two epigenetic repression systems (By similarity). Genes repressed by the PRC2/EED-EZH2 complex include HOXA7, HOXB6 and HOXC8.
UniProt:	Q80U70

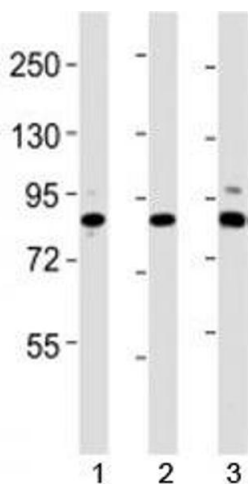
Application Details

Application Notes:	Titration of the Suz12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:2000
Restrictions:	For Research Use only

Handling

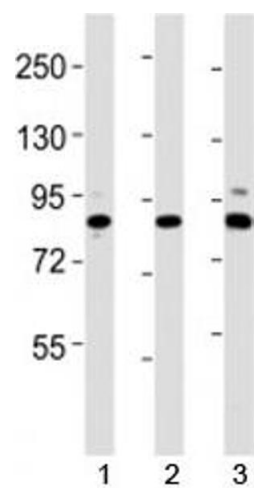
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Suz12 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot testing of Suz12 antibody at 1:2000 dilution. Lane 1: mouse spleen lysate; 2: mouse cerebellum lysate; 3: human HeLa lysate; Observed molecular weight 83~95 kDa.



Western Blotting

Image 2. Western blot testing of Suz12 antibody at 1:2000 dilution. Lane 1: mouse spleen lysate