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Datasheet for ABIN1881858
anti-SUZ12 antibody (C-Term)

2 Images

Overview

Quantity:	400 µL
Target:	SUZ12
Binding Specificity:	AA 559-588, C-Term
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 rabbits immunized with a KLH conjugated synthetic peptide between 559-588 amino acids from the C-terminal region of human SUZ12.
Clone:	RB42757
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SUZ12
Alternative Name:	SUZ12 (SUZ12 Products)

Target Details

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 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

NCBI Accession: [NP_056170](#)

UniProt: [Q15022](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

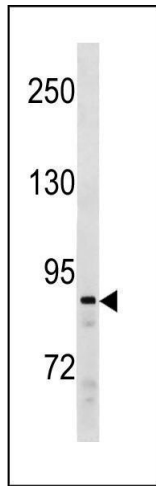
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

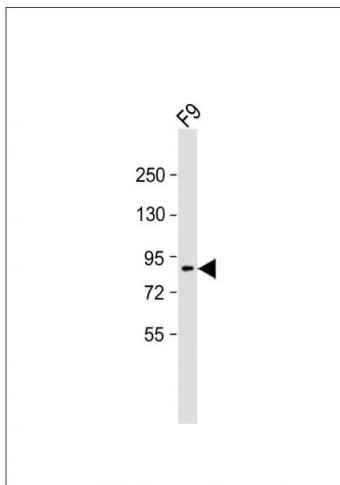
Storage: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. SUZ12 Antibody (C-term) (ABIN1881858 and ABIN2843258) western blot analysis in Ramos cell line lysates (35 µg/lane). This demonstrates the SUZ12 antibody detected the SUZ12 protein (arrow).



Western Blotting

Image 2. Anti-SUZ12 Antibody (C-term) at 1:2000 dilution + F9 whole cell lysate 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 % NFDm/TBST.