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Datasheet for ABIN6242141
anti-SUZ12 antibody (AA 381-395)

2 Images

Overview

Quantity:	400 µL
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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This mouse Suz12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 381-395 amino acids from the Central region of mouse Suz12.
Clone:	RB52373
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 (SUZ12 Products)
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 (By similarity). Genes repressed by the PRC2/EED-EZH2 complex include HOXA7, HOXB6 and HOXC8.

Molecular Weight: 83026

UniProt: [Q80U70](#)

Application Details

Application Notes: WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

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

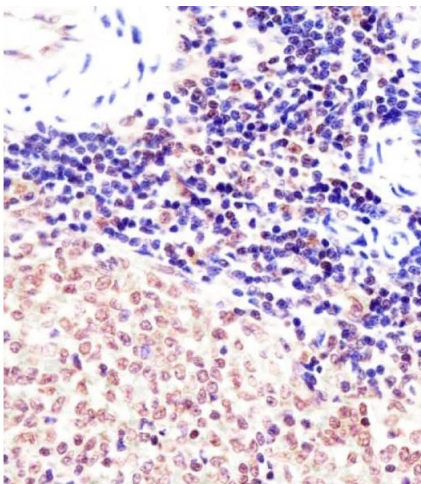
Preservative: Sodium azide

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

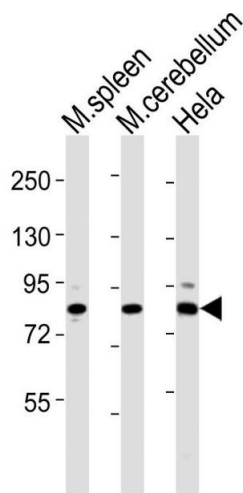
Expiry Date: 6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242141 and ABIN6578005) staining (Mouse) Suz12 in mouse spleen sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the



secondary antibody.

Western Blotting

Image 2. All lanes : Anti-Suz12 Antibody (Center) at 1:2000 dilution Lane 1: mouse spleen lysates Lane 2: mouse cerebellum 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 % NFDm/TBST.