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(Mouse) Suz12 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21242c

Specification

(Mouse) Suz12 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q80U70
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**83026**

(Mouse) Suz12 Antibody (Center) - Additional Information

Gene ID 52615

Other Names
Polycomb protein Suz12, Suppressor of zeste 12 protein homolog, Suz12, D11Ertd530e, Kiaa0160

Target/Specificity
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.

Dilution
WB~~1:2000
IHC-P~~1:25
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
(Mouse) Suz12 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

(Mouse) Suz12 Antibody (Center) - Protein Information

Name Suz12

Synonyms D11Ertd530e, Kiaa0160

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Function 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 (By similarity). Genes repressed by the PRC2/EED- EZH2 complex include HOXA7, HOXB6 and HOXC8.

Cellular Location
Nucleus. Chromosome. Note=Localizes to the inactive X chromosome in trophoblast stem cells

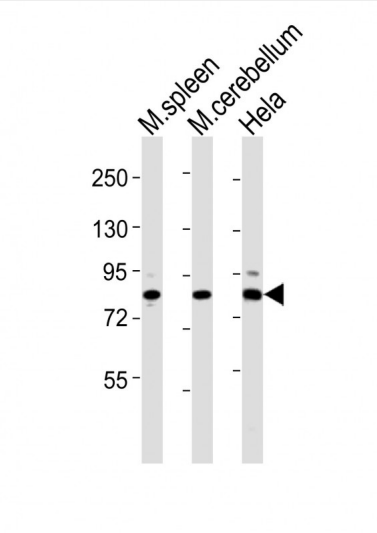
Tissue Location
Expressed in embryonic stem cells.

(Mouse) Suz12 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

(Mouse) Suz12 Antibody (Center) - Images



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.

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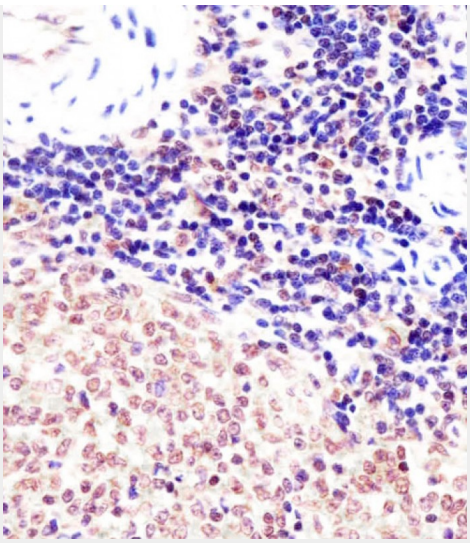

AP21242c staining (Mouse) Suz12 in mouse spleen sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). 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.

(Mouse) Suz12 Antibody (Center) - 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 (By similarity). Genes repressed by the PRC2/EED-EZH2 complex include HOXA7, HOXB6 and HOXC8.

(Mouse) Suz12 Antibody (Center) - References

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