

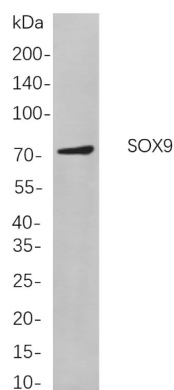


Product name:	SOX9 Rabbit Monoclonal Antibody
Cat number:	MABN21543
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG,Kappa
Immunogen:	Recombinant protein of human SOX9
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight:	Observed MW:70kD
Purification:	Protein A
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Source:	Rabbit
Background:	Cell localization:Nucleus.SRY-box 9(SOX9) Homo sapiens The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal. [provided by RefSeq, Jul 2008]

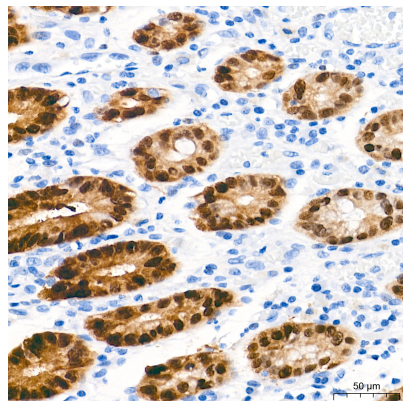
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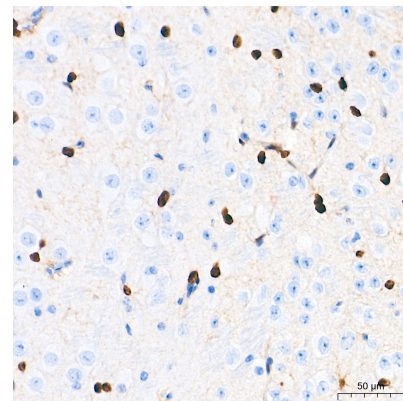
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



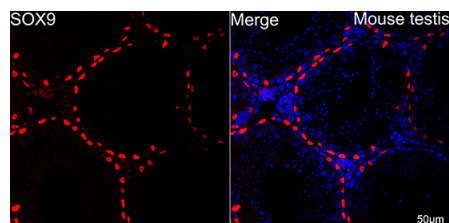
Western blot analysis of lysates from HepG2 cells, using SOX9 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



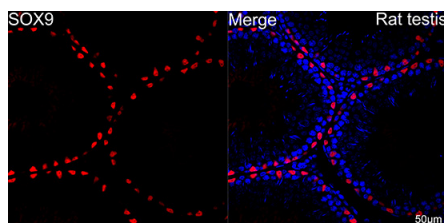
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using SOX9 Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using SOX9 Rabbit mAb at a dilution of 1:1000 (40xlens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded Mouse testis using SOX9 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Rat testis using SOX9 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.

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