

Cat. No: MAB-94563
Conjugate: Unconjugated
Size: 100 ug
Clone: S9
Concentration: 1mg/ml
Host: Rb
Isotype: IgG
Immunogen: A synthesized peptide derived from human SOX9.
Reactivity: Hu,Ms,Rt

Applications: Western Blot: 1:500 - 1:2000
 Immunohistochemistry: 1:50 - 1:200
 Immunofluorescence: 1:50 - 1:200

Molecular Weight: 70kDa

Purification: Aff. Pur.

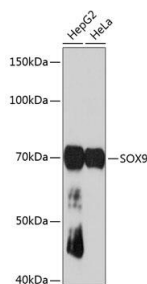
Synonyms: CMD1;CMPD1;SRA1;SRXX2;SRXY10;SOX9;SRY-box 9

Background: 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.

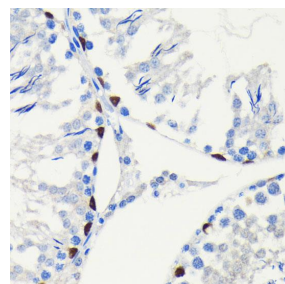
Form: Liquid

Buffer: Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

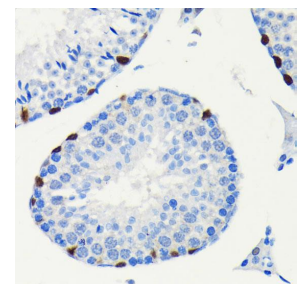
Storage: Store at -20°C. Avoid freeze / thaw cycles.



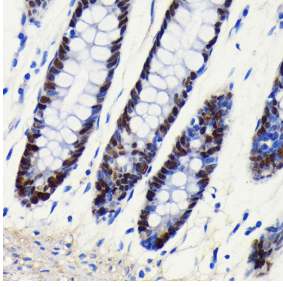
Western blot analysis of extracts of various cell lines, using SOX9 antibody at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25ug per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL West Pico Plus.
 Exposure time: 3min.



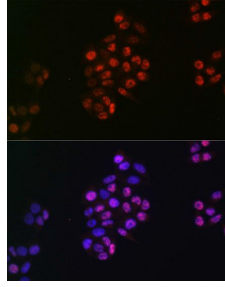
Immunohistochemistry of paraffinembedded rat testis using SOX9 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffinembedded mouse testis using SOX9 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin embedded human colon using SOX9 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using SOX9 antibody. Blue: DAPI for nuclear staining.