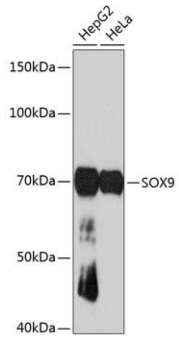
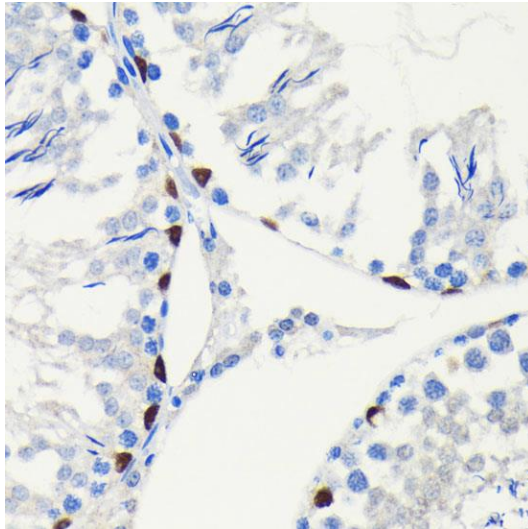
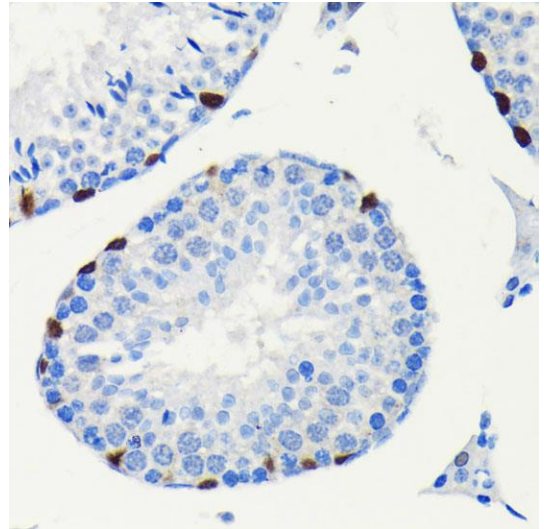

Product name:	SOX9
Cat number:	MAB-94563
Conjugate:	Unconjugated
Size:	100 ug
Clone:	S9
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthesized peptide derived from human SOX9.
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	70kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
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.



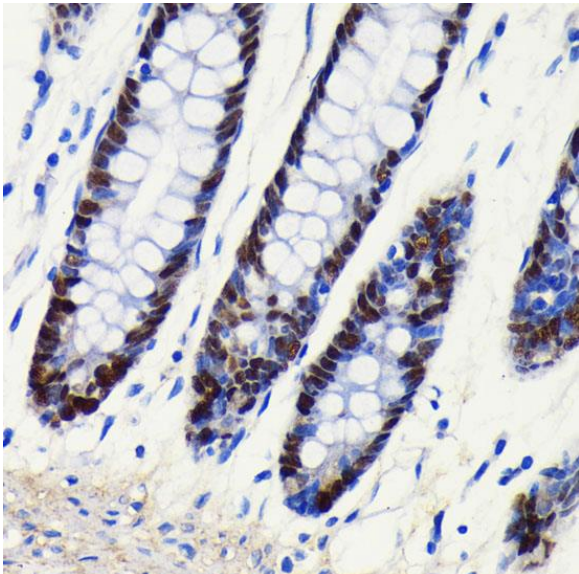
Western blot analysis of extracts of various cell lines, using SOX9 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 3min.



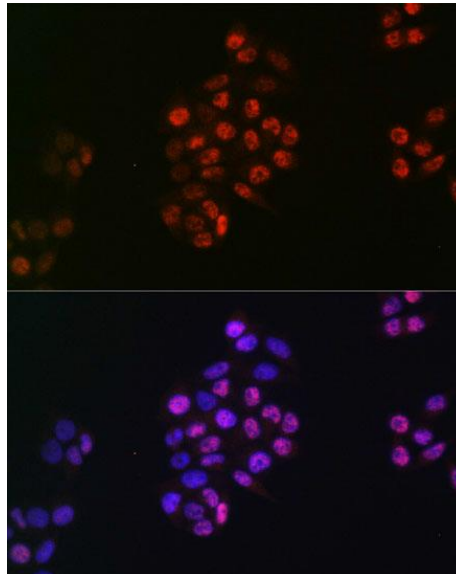
Immunohistochemistry of paraffin-embedded rat testis using SOX9 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded 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.