

Product Name: SOX9 Rabbit Monoclonal Antibody
Catalog #: AMRe01534



Summary

Production Name	SOX9 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	SOX9
Alternative Names	SOX9; Transcription factor SOX-9
Gene ID	6662
SwissProt ID	P48436

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 70 kDa

Background

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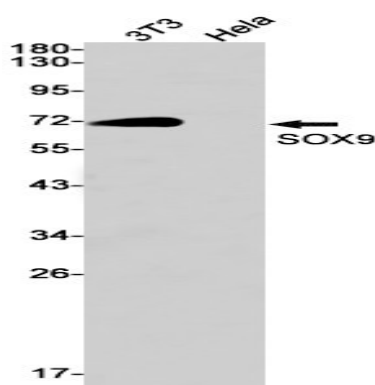


Regulates several important processes during embryonic development including chondrogenesis, during which it contributes to skeletal formation and digit specification (2,3). Sox9 also coordinates with steroidogenic factor-1 to direct Sertoli cell-specific expression of anti-Mullerian hormone during embryogenesis, thereby contributing to male sex determination.

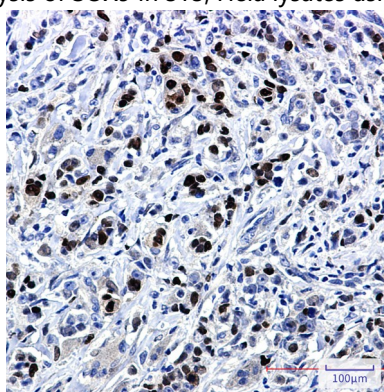
Research Area

Neuroscience

Image Data



Western blot analysis of SOX9 in 3T3, HeLa lysates using SOX9 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using SOX9 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.