
Product Name: SOX9 Rabbit Monoclonal antibody**Catalog #: AMRe01534**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.98mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

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

Antigen Information

Gene Name	SOX9
Alternative Names	SOX9; Transcription factor SOX-9
Gene ID	6662
SwissProt ID	P48436
Immunogen	Recombinant protein of human SOX9

Background

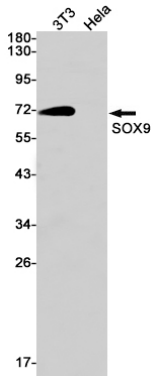
Regulates several important processes during embryonic development including chondrogenesis, during which it contributes to skeletal formation and digit specification (2,3). Sox9 also coordinates with steroidogenic factor-1 to direct Sertoli cell-specific

expression of anti-Mullerian hormone during embryogenesis, thereby contributing to male sex determination.

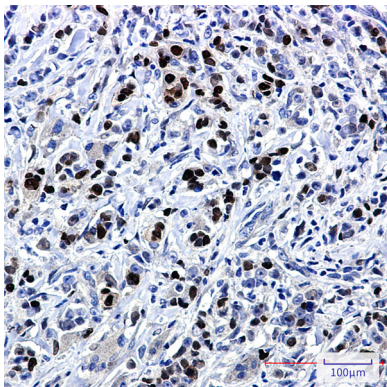
Research Area

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.