

---

**Product Name: SOX9 Rabbit Monoclonal antibody****Catalog #: AMRe01509**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	0.57mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 56 kDa; Observed MW: 70 kDa

**Antigen Information**

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

**Background**

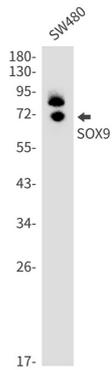
Regulates several important processes during embryonic development including chondrogenesis, during which it contributes to skeletal formation and digit specification (2,3). Sox9 also coordinates with steroidogenic factor-1 to direct Sertoli cell-specific

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

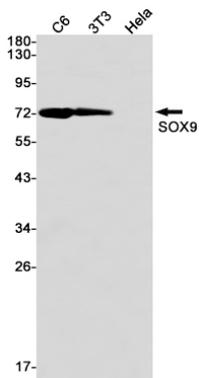
## Research Area

Neuroscience

## Image Data



Western blot analysis of SOX9 in SW480 lysates using SOX9 antibody.



Western blot analysis of SOX9 in C6, 3T3, HeLa lysates using SOX9 antibody.