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**Product Name: SOX9 Rabbit Monoclonal Antibody****Catalog #: AMRe86944**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	2.6mg/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>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,FC 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:56 kDa; Observed MW:70 kDa

**Antigen Information**

<b>Gene Name</b>	SOX9
<b>Alternative Names</b>	CMD1; SRA1; CMPD1; SRXX2; SRXY10
<b>Gene ID</b>	6662
<b>SwissProt ID</b>	P48436
<b>Immunogen</b>	Recombinant protein of human SOX9

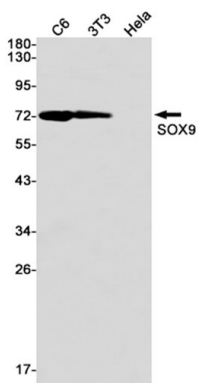
**Background**

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-

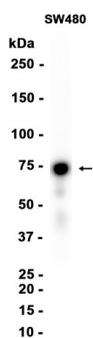
Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot detection of SOX9 in C6,3T3,HeLa cell lysates using SOX9 antibody(1:1000 diluted).



Western blot analysis of extracts from SW480 cells using AMRe86944 at 1:1000.