

**ARG57993**  
anti-SOX9 antibodyPackage: 100 µl, 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes SOX9
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SOX9
Species	Human
Immunogen	Synthetic peptide derived from Human SOX9.
Conjugation	Un-conjugated
Alternate Names	SRXY10; CMPD1; CMD1; SRXX2; SRA1; Transcription factor SOX-9

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:100 - 1:500
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

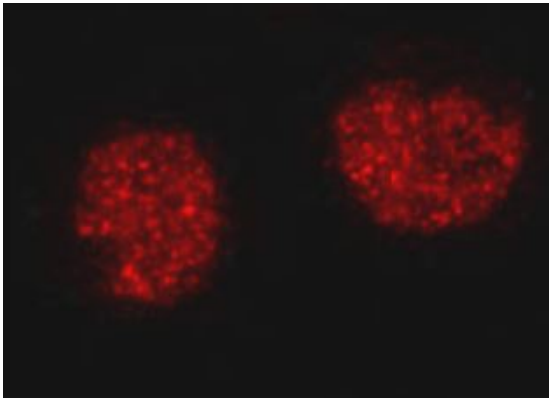
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

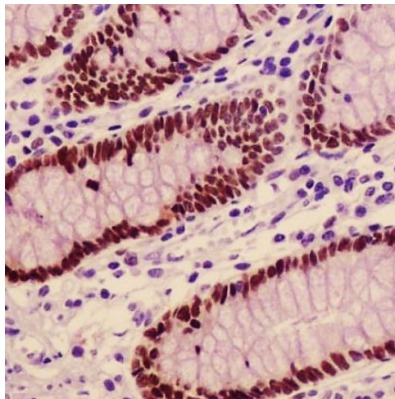
Gene Symbol	SOX9
Gene Full Name	SRY (sex determining region Y)-box 9
Background	The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription 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]
Function	Plays an important role in the normal skeletal development. May regulate the expression of other genes involved in chondrogenesis by acting as a transcription factor for these genes. [UniProt]
Calculated Mw	56 kDa

## Images



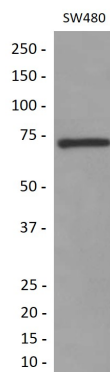
ARG57993 anti-SOX9 antibody ICC/IF image

Immunofluorescence: SW480 cells stained with ARG57993 anti-SOX9 antibody.



ARG57993 anti-SOX9 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue stained with ARG57993 anti-SOX9 antibody.



ARG57993 anti-SOX9 antibody WB image

Western blot: SW480 cell lysate stained with ARG57993 anti-SOX9 antibody.