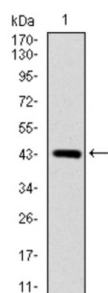
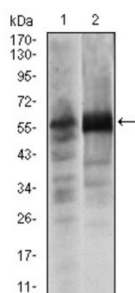


Transcription Factor SOX-9 (SOX9) Antibody

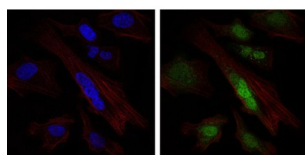
Catalogue No.: abx011891



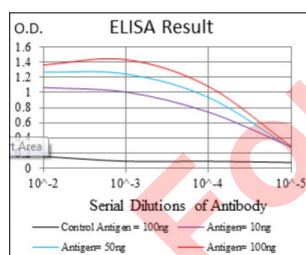
Western blot analysis using SOX9 antibody against human SOX9 (AA: 147-306) recombinant protein. (Expected MW is 56 kDa).



Western blot analysis using SOX9 antibody against Lovo (1) and SW620 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using SOX9 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

Target: Transcription Factor SOX-9 (SOX9)

Clonality: Monoclonal

Datasheet

Version: 2.0.0
Revision date: 14 Aug 2025



Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human SOX9 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48436 (UniProt , ExPASy)
Gene Symbol:	SOX9
GeneID:	6662
OMIM:	114290
HGNC:	11204
KEGG:	hsa:6662
Ensembl:	ENSG00000125398
String:	9606.ENSP00000245479
Molecular Weight:	56 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.