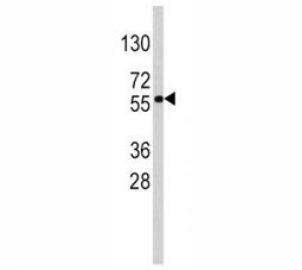
SOX-9 Antibody (F43516)

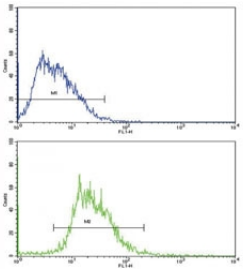
Catalog No.	Formulation	Size
F43516-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43516-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P48436
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This SOX-9 antibody is available for research use only.



Western blot analysis of SOX-9 antibody and HepG2 lysate. Predicted molecular weight: 56-65 kDa.



Flow cytometric analysis of HepG2 cells using SOX-9 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

SOX9 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.

This SOX9 antibody page is part of a broader antibody panel offered by NSJ Bioreagents.

Application Notes

Titration of the SOX-9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 231-260 from the human protein was used as the immunogen for this SOX-9 antibody.

Storage

Aliquot the SOX-9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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