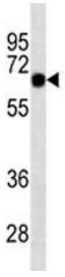
SOX9 Antibody [clone 334CT39.1.4] (F40312)

Catalog No.	Formulation	Size
F40312-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40312-0.08ML	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	Mouse, Pig
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, k
Clone Name	334CT39.1.4
Purity	Purified
UniProt	P48436
Applications	Western blot: 1:100-1:500
Limitations	This SOX9 antibody is available for research use only.



SOX9 antibody western blot analysis in K562 lysate. Predicted molecular weight: 56-65 kDa.

Description

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.

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

Application Notes

Titration of the SOX9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 41-70 from the human protein was used as the immunogen for this SOX9 antibody.

Storage

Aliquot the SOX9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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