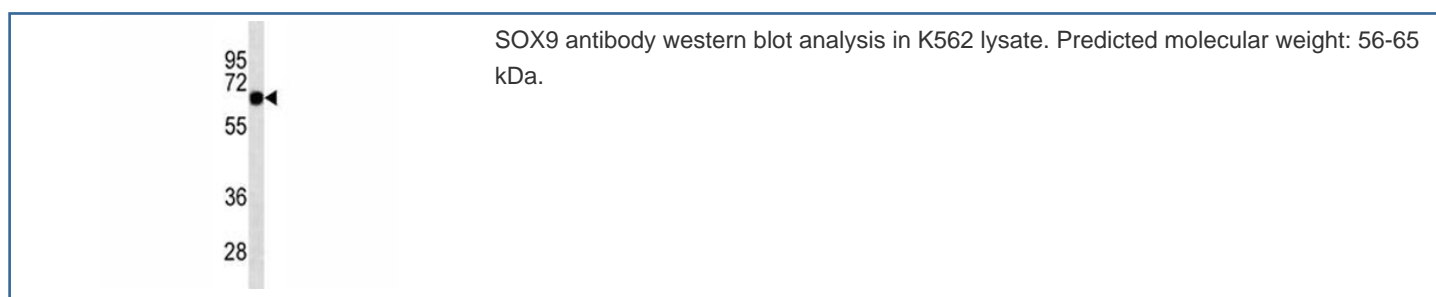


## SOX9 Antibody [clone 334CT39.1.4] (F40312)

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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Pig
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgM, k
<b>Clone Name</b>	334CT39.1.4
<b>Purity</b>	Purified
<b>UniProt</b>	P48436
<b>Applications</b>	Western Blot : 1:100-1:500
<b>Limitations</b>	This SOX9 antibody is available for research use only.



## 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.

## **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.