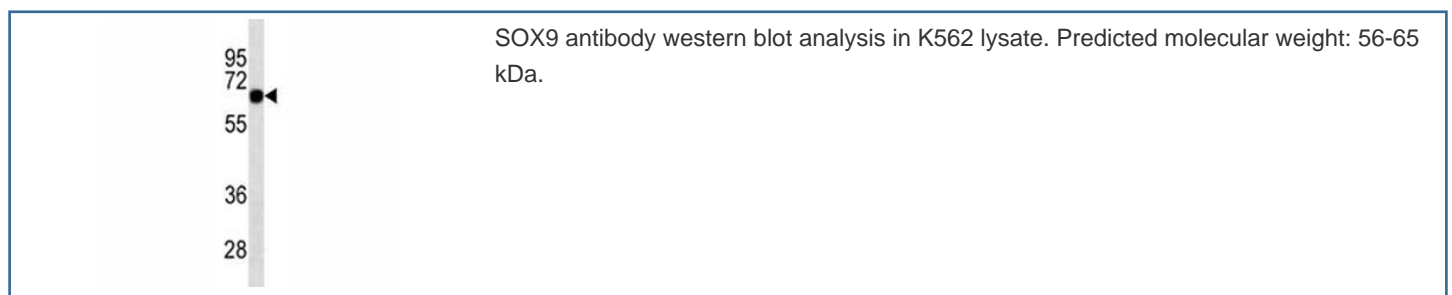


SOX9 Antibody [clone 334CT39.1.4] (F40312)

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
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.



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.