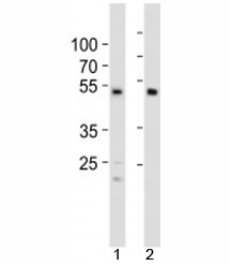
SOX7 Antibody (F52990)

Catalog No.	Formulation	Size
F52990-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52990-0.08ML	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
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9BT81
Applications	Western blot: 1:1000
Limitations	This SOX7 antibody is available for research use only.



Western blot analysis of lysate from 1) HCT116 cell line and 2) human heart tissue using SOX7 antibody at 1:1000. Predicted molecular weight: 42/49 kDa (isoforms 1/2).

Description

Binds to and activates the CDH5 promoter, hence plays a role in the transcriptional regulation of genes expressed in the hemogenic endothelium and blocks further differentiation into blood precursors (By similarity). May be required for the survival of both hematopoietic and endothelial precursors during specification (By similarity). Competes with GATA4 for binding and activation of the FGF3 promoter (By similarity). Represses Wnt/beta-catenin-stimulated transcription, probably by targeting CTNNB1 to proteasomal degradation. Binds the DNA sequence 5'- AACAAT-3'.

Application Notes

Titration of the SOX7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This SOX7 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 319-353 amino acids from the C-terminal region of human SOX7.

Storage

Aliquot the SOX7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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