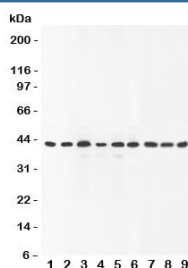


## SOX7 Antibody (R31409)

Catalog No.	Formulation	Size
R31409	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q9BT81
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This SOX7 antibody is available for research use only.



Western blot testing of SOX7 antibody and Lane 1: rat brain; 2: human placenta; 3: (r) lung; 4: (r) testis; 5: (h) HeLa; 6: (h) A549; 7: (h) HEPG2; 8: (h) SMMC-7721; 9: mouse Neuro-2a lysate

## Description

SOX7 belongs to SOX gene family and member proteins are transcription factors with critical roles in the regulation of diverse developmental processes. In cotransfected 293 cells, SOX7 reduced [Wnt/beta-catenin](#) stimulated transcription. SOX7 is a potent activator of FGF3 transcription. It not only plays a role in the transcriptional regulation of genes expressed in the hemogenic endothelium but also blocks further differentiation into blood precursors. And it may be required for the survival of both hematopoietic and endothelial precursors during specification.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the SOX7 antibody may be required

due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human SOX7 (LISVLADATATYYNSYSVS) was used as the immunogen for this SOX7 antibody (100% homologous in human, mouse and rat).

## Storage

After reconstitution, the SOX7 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.