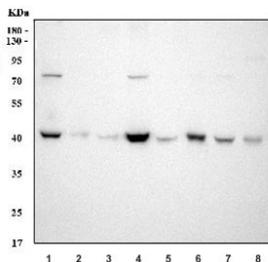


## SOX1 Antibody [clone GIA-19] (RQ4697)

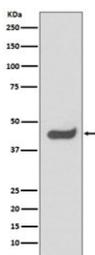
Catalog No.	Formulation	Size
RQ4697	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	GIA-19
<b>Purity</b>	Affinity purified
<b>UniProt</b>	O00570
<b>Applications</b>	Western Blot : 1:1000-1:2000
<b>Limitations</b>	This SOX1 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human K562, 3) human Jurkat, 4) human Caco-2, 5) rat brain, 6) rat PC-12, 7) mouse brain and 8) mouse Neuro-2a cell lysate with SOX1 antibody. Predicted molecular weight ~39 kDa.



Western blot testing of human HeLa cell lysate with SOX1 antibody. Predicted molecular weight ~39 kDa.

## Description

This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development. [RefSeq]

## Application Notes

Optimal dilution of the SOX1 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human SOX1 was used as the immunogen for the SOX1 antibody.

## Storage

Store the SOX1 antibody at -20oC.