



## SOX1 Antibody

CATALOG NUMBER: 46-420

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:64,000. Western Blot: Approximately 26 kDa band in lysates of cell line KELLY after 0.3 ug/mL antibody staining. The 26 kDa band was successfully blocked by incubation with the immunizing peptide.
<b>IMMUNOGEN:</b>	SOX1 antibody was raised against an 11 amino acid synthetic peptide near the internal region of SOX1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	SOX1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	SOX1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	SRY (sex determining region Y)-box 1, SRY-related HMG-box gene 1,
<b>ACCESSION NO.:</b>	NP_005977.2
<b>PROTEIN GI NO.:</b>	30179900
<b>OFFICIAL SYMBOL:</b>	SOX1
<b>GENE ID:</b>	6656

### Background

<b>REFERENCES:</b>	1) Kan L, Israsena N, Zhang Z, Hu M, Zhao LR, Jalali A, Sahni V, Kessler JA. Sox1 acts through multiple independent pathways to promote neurogenesis. Dev Biol. 2004 May 15;269(2):580-94.
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**FOR RESEARCH USE ONLY**

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