

Product datasheet for **TA335704**

SOX1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SOX1 Antibody: synthetic peptide directed towards the C terminal of human SOX1. Synthetic peptide located within the following region: ALGSLVKSEPSGSPAPAHSRAPCPGDLREMISMYPAGEGGDPAAAAAA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	SRY-box 1
Database Link:	NP_005977 Entrez Gene 6656 Human O00570
Background:	SOX1 is 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. SOX1 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.
Synonyms:	SRY (sex determining region Y)-box 1; SRY-related HMG-box gene 1

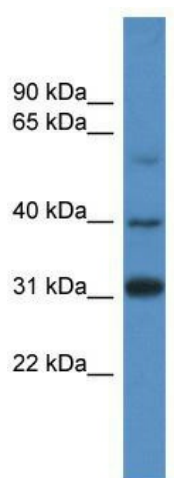


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Note: Immunogen Sequence Homology: Dog: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Bovine: 93%

Protein Families: Adult stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transmembrane

Product images:



WB Suggested Anti-SOX1 Antibody; Titration: 1.0 ug/ml; Positive Control: 293T Whole Cell