

Product datasheet for TA343573

SOX1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human, Mouse

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-SOX1 antibody: synthetic peptide directed towards the middle region

of human SOX1. Synthetic peptide located within the following region: REMISMYLPAGEGGDPAAAAAAAAQSRLHSLPQHYQGAGAGVNGTVPLTH

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified
Conjugation: Unconjugated

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 20664 MouseEntrez Gene 6656 Human

O00570



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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. 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.

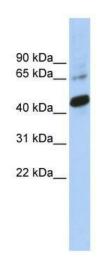
Synonyms: SRY (sex determining region Y)-box 1; SRY-related HMG-box gene 1

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

Bovine: 93%; Zebrafish: 92%; Pig: 79%; Guinea pig: 79%

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

Product images:



WB Suggested Anti-SOX1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Jurkat cell lysate