
SOX1 Rabbit pAb

Catalog Number: bs-12276R

Target Protein: SOX1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted:Human, Mouse, Pig)

Predicted MW: 39 kDa

Entrez Gene: 6656

Swiss Prot: O00570

Source: KLH conjugated synthetic peptide derived from Human SOX6: 61-170/391.

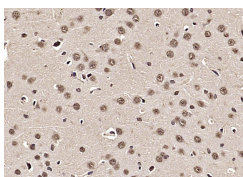
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (SOX1) Polyclonal Antibody, Unconjugated (bs-12276R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.022] Lucie Peskova. et al. miR - 183/96/182 cluster is an important morphogenetic factor targeting PAX6 expression in differentiating human retinal organoids. Stem Cells. 2020 Dec;38(12):1557-1567 WB,IF ; Human . 32875669

[IF=2.84] Yang, Ning, et al. "SOX 1, contrary to SOX 2, suppresses proliferation, migration, and invasion in human laryngeal squamous cell carcinoma by inhibiting the Wnt/ β -catenin pathway." Tumor Biology (2015): 1-11. WB ; ="Human" . 26040764