

Anti-SOX1 Antibody Picoband® HRP Conjugated

Catalog Number: PB9403-HRP

About SOX1

SOX1 (for Sex determining region Y-box 1), located in 13q34, is a transcription factor in the Sox protein family. It means that 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. SOX1 expression is restricted to neuroectoderm in the tetrapod embryo. It is expressed particularly in the ventral striatum.

Overview

Product Name	Anti-SOX1 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O00570

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of Human SOX1, identical to the related mouse sequence.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

1 Publications Citing This Product

1. PubMed ID: 29531534, Yi H, Xie B, Liu B, Wang X, Xu L, Liu J, Li M, Zhong X, Peng F. Stem Cells Int. 2018 Jan 24;2018:3628578. doi: 10.1155/2018/3628578. eCollection 2018. Derivation and Identification of Motor Neurons from Human Urine-Derived Induced Pluripotent Stem...

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