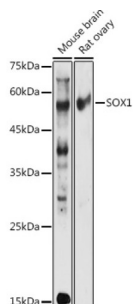
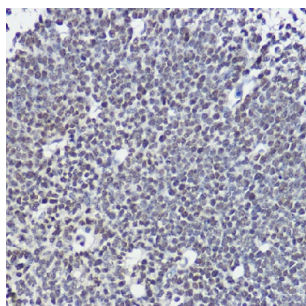


Transcription Factor SOX-1 (SOX1) Antibody

Catalogue No.: abx007253



WB analysis of Mouse brain and Rat ovary cell lysates using Transcription Factor SOX-1 (SOX1) antibody (1/1000 dilution). Calculated MW: 50 kDa, Observed MW: 39 kDa.



IHC-P analysis of Mouse embryo tissue using Transcription Factor SOX-1 (SOX1) antibody (1/20 dilution, 40x lens).

SOX1 Antibody is a Rabbit Polyclonal Antibody against SOX1.

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 cell fate. The encoded protein may act as a transcriptional activator after forming a complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development.

Target: Transcription Factor SOX-1 (SOX1)

Research Area: Reproductive Science, Developmental Science

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide corresponding to Human SOX1

Datasheet

Version: 6.0.0
Revision date: 14 Aug 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C for up to 1 year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O00570 (UniProt , ExPASy)
Gene Symbol:	SOX1
GeneID:	6656
NCBI Accession:	NP_005977.2
KEGG:	hsa:6656
String:	9606.ENSP00000330218
Molecular Weight:	Calculated MW: 39 kDa Observed MW: 50 kDa
Buffer:	PBS, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.