

Product Name: SOX1 Rabbit Monoclonal Antibody**Catalog #: AMRe03960**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,FC 1:50-1:100
Molecular Weight	Calculated MW:39 kDa;Observed MW: 39 kDa

Antigen Information

Gene Name	SOX1
Alternative Names	Sex determining region Y box 1; sox1; SRY; SRY box containing gene 1; SRY related HMG box gene 1; Transcription factor Sox-1
Gene ID	6656
SwissProt ID	O00570
Immunogen	A synthetic peptide of human SOX1

Background

Sox (Sry-related box) genes encode a family of transcription factors that play a myriad of roles in developmental processes.

Sox1 and Sox2 are the earliest markers that identify neuroectodermal tissue, and these markers, together with Sox9 collectively mark neuronal stem cells (NSC's) that are present in neurogenically active areas of the mature rodent brain. Sox1 is thought to maintain the cell cycle and promote self renewal in NSCs.

Research Area

Epigenetics and Nuclear Signaling

Image Data

Western blot analysis of SOX1 in HeLa lysates using SOX1 antibody.

