

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

ConjugationUnconjugatedModificationUnmodified

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

Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and **Buffer**

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

Alternative Names

Gene Name SOX1

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** 000570

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.



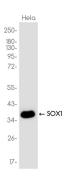
Sox1 and Sox2 are the earliest markers that identify neuroectodermal tissue, and these markers, together with Sox9 collectively mark neuronal stem cells (NSC's) that are present in neurogenically active areas of the mature rodent brain. Sox1 is thought to maintain the cell cycle and promote self renewal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

Research Area

Epigenetics and Nuclear Signaling

Image Data

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



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