

SOX4 Rabbit pAb

Catalog No.: A10717 **1 Publications**

Basic Information

Observed MW

46kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

ELISA,WB

Cross-Reactivity

Mouse

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 regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

6659

Swiss Prot

Q06945

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SOX4 (NP_003098.1).

Synonyms

CSS10; EVI16; SOX4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

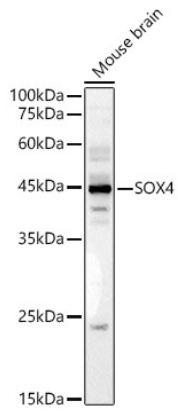
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of Mouse brain, using SOX4 antibody (A10717) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.