

SOX4 Rabbit mAb

Catalog No.: A21222

Recombinant

1 Publications

Basic Information

Observed MW

60kDa

Calculated MW

47kDa

Category

Primary antibody

Applications

WB,IP,IF-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC52962

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 1:2000 - 1:10000**IP** 1:50 - 1:200**IF-P** 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

6659

Swiss Prot

Q06945

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

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% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data

