

SOX2

Reactivity:Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:34kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human SOX2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

k

Synonym:

ANOP3; MCOPS3;

Catalog #:A6171

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:6657

Isotype:IgG

Swiss Prot:P48431

Purity:Affinity purification

For research use only.

Background:

This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).

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