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SOX2 Polyclonal Antibody

Cat #: G-AB-07564

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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).

Gene ID: 6657

Accession #:

Immunogen: Recombinant fusion protein of human SOX2 (NP_003097.1).

Conjugation: Unconjugated

Swissprot: P48431

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: IF

Dilution: IF 1:50-1:200

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