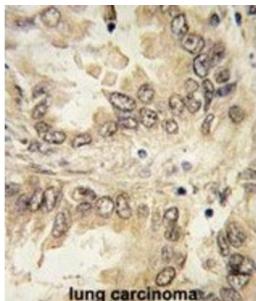


Sex Determining Region Y Box Protein 2 (SOX2) Antibody

Catalogue No.: abx031506



The intronless gene for SOX2 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 encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. Mutations in the SOX2 gene have been associated with bilateral anophthalmia, a severe form of structural eye malformation.

Target: SOX2

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC, FCM

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

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Immunogen: Human SOX2.

Purification: Purified Rabbit Polyclonal Antibody.

Isotype: IgG

Conjugation: Unconjugated

Specificity: This SOX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-119 amino acids from the N-terminal region of human SOX2.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P48431](#)

NCBI Accession: NP_003097.1

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Note: This product is for research use only.