

Datasheet

SOX2 polyclonal antibody

Catalog Number: PAB24743

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of SOX2.

Immunogen: A synthetic peptide corresponding to SOX2.

Host: Rabbit

Theoretical MW (kDa): 43

Reactivity: Human, Mouse, Rat

Applications: WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: SOX2 polyclonal antibody detects endogenous levels of SOX2 protein.

Form: Liquid

Purification: Antigen affinity purification

Concentration: 1 mg/mL

Recommend Usage: Western Blot (1:1000-1:5000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6657

Gene Symbol: SOX2

Gene Alias: ANOP3, MCOPS3, MGC2413

Gene Summary: 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). [provided by RefSeq]