

Datasheet

SOX2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00006657-D01P

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human SOX2 protein.

Immunogen: SOX2 (NP_003097.1, 1 a.a. ~ 317 a.a) full-length human protein.

Sequence:

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MYNMMETELKPPGPQQTSGGGGNSTAAAAGGNQK  
NSPDRVKRPMNAFMVWSRGQRRKMAQENPKMHNSE  
ISKRLGAEWKLLSETEKRPFIDEAKRLRALHMKEHPDY  
KYRPRRKTTLMKDKYTLPGLLAPGGNSMASGVG  
VGAGLGAGVNQRMDSYAHMNGWSNGSYSMMQDQL  
GYPQHPGLNAHGAAQMMPHRYDVSALQYNSMTSS  
QTYMNGSPTYSMSYSQQGTPGMALGSMGSVVKSEA  
SSSPVVTSSSHSRAPCQAGDLRDMISMYLPGAEVPE  
PAAPSRLHMSQHYQSGPVPGTAINGTLPLSHM
```

Host: Rabbit

Reactivity: Human, Mouse

Applications: WB-Ti

(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

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. 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]