

## SOX2 Recombinant Rabbit mAb

Catalog: BS45202

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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). [provided by RefSeq, Jul 2008]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

34 kDa

### Swiss-Prot:

P48431

### Purification&Purity:

### Affinity Purification

### Applications:

WB: 1:1000&lt;br /&gt;IHC: 1:100&lt;br /&gt;ICC/IF: 1:20-1:100

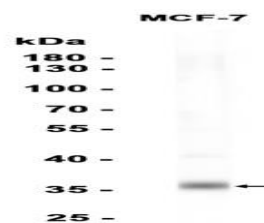
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of extracts from MCF-7 cells at 1:1000.

### Note:

For research use only, not for use in diagnostic procedure.

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