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## SOX7 Rabbit pAb

Catalog Number: bs-20571R

Target Protein: SOX7

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Pig, Cow, Dog)

Predicted MW: 42 kDa

Entrez Gene: 83595

Swiss Prot: Q9BT81

Source: KLH conjugated synthetic peptide derived from human SOX7: 51-150/388.

Purification: affinity purified by Protein A

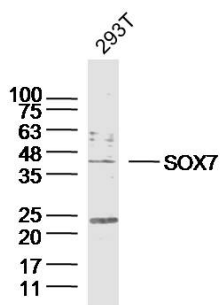
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal.

### VALIDATION IMAGES

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Sample: 293T (Human) Cell Lysate at 40 ug Primary: Anti-SOX7(bs-20571R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42kD Observed band size: 42kD