

SOX4 Polyclonal Antibody

Catalog: BS65673

Host: Rabbit

Reactivity: Human, Mouse, Rat, Chicken,

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.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

52 kD

Swiss-Prot:

Q06945

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

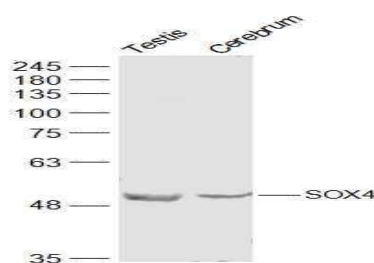
Storage&Stability:

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

Specificity:

SOX4 Polyclonal Antibody detects endogenous levels of SOX4 protein.

DATA:



Sample:

Testis (Mouse) Lysate at 40 ug

Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-SOX4 at 1/500 dilution

Note:

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

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