



NANOG Polyclonal Antibody

E93232**Catalog Number:** E93232**Amount:** 100ul

Background: Nanog is a homeodomain-containing transcription factor that is essential for the maintenance of pluripotency and self renewal in embryonic stem cells (1). Nanog expression is controlled by a network of factors including Sox2 and the key pluripotency regulator Oct-4 (1). Recent advances in somatic cell reprogramming have utilized viral expression of combinations of transcription factors including nanog, Oct-4, Sox2, KLF4, c-Myc, and LIN28 (2,3).

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: Nanog ; Nanog homeobox; Homeobox protein NANOG; hNanog;

Immunogen: Recombinant protein of human NANOG

Purification: Affinity purification

Reactivity: H M

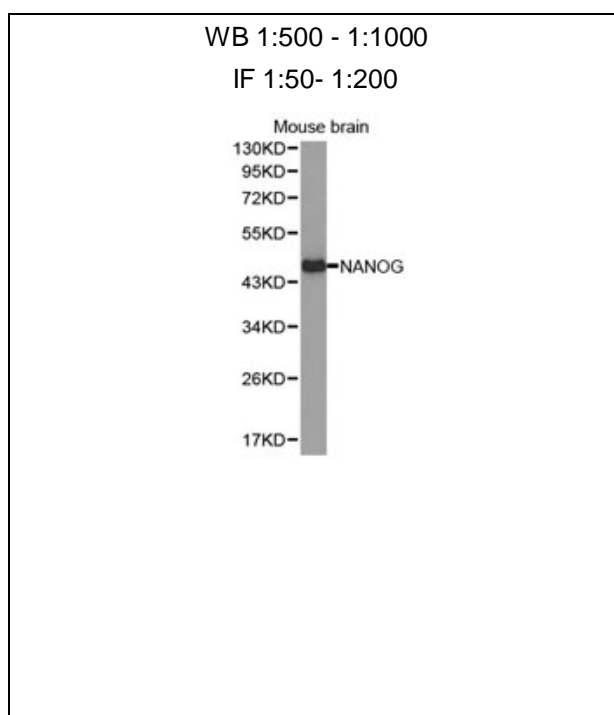
Applications: WB IF

Molecular Weight: 35kDa

Swiss-Prot No. : Q9H9S0

Gene ID: 79923

References: 1. Kim, J. et al. (2008) Cell 132, 1049-61. 2. Takahashi, K. et al. (2007) Nat Protoc 2, 3081-9. 3. Yu, J. et al. (2007) Science 318, 1917-20.



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Western blot analysis of extracts of mouse
braincellline, using NANOG antibody.

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