



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

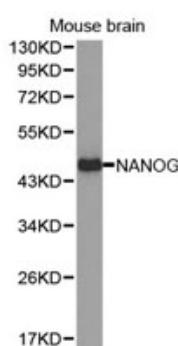
Swiss-Prot No.: Q9H9S0

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.

WB 1:500 - 1:1000

IF 1:50- 1:200



For Research Use Only

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