

NANOG polyclonal antibody

Catalog: BS61798

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Nanog is a homeodomain-containing transcription factor that is essential for the maintenance of pluripotency and self renewal in embryonic stem cells. Nanog expression is controlled by a network of factors including Sox2 and the key pluripotency regulator Oct-4. 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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 34 kDa

Swiss-Prot:

Q9H9S0/Q8N7R0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:5000

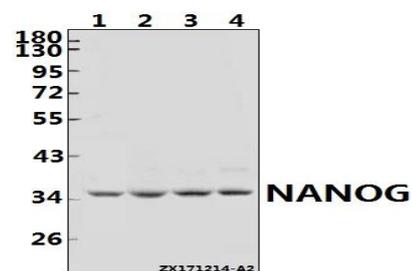
Storage&Stability:

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

Specificity:

NANOG pAb detects endogenous levels of NANOG protein.

DATA:



Western blot (WB) analysis of NANOG pAb at 1:2000 dilution

Lane1:A2780 whole cell lysate(10ug)

Lane2:HeLa whole cell lysate(10ug)

Lane3:3T3-L1 whole cell lysate(10ug)

Lane4:The Testis tissue lysate of Rat(10ug)

Note:

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

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