

Goat anti-Nanog (mouse aa270-284) Antibody

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| Item Number | dAP-3185 |
| Target Molecule | Principle Name: Nanog (mouse aa270-284); Official Symbol: Nanog; All Names and Symbols: Nanog; Nanog homeobox; 2410002E02Rik, ENK, ecat4; ES cell-associated protein 4; early embryo specific expression NK family; early embryo specific expression NK-type homeobox protein; homeobox protein NANOG; homeobox transcription factor Nanog; Accession Number (s): NP_082292.1 ; Human Gene ID(s): ; Non-Human GeneID(s): 71950 (mouse) |
| Immunogen | DLEVNLREATRESHAH, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Mouse |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 128000. |
| Western Blot | Western Blot: Approx 40kDa band observed in lysates of cell line NIH3T3 (calculated MW of 34.6kDa according to NP_082292.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Zbinden et al, EMBO J. 201 |
| IHC | |
| Reference | Reference(s): Han J, Mistriotis P, Lei P, Wang D, Liu S, Andreadis ST. Nanog reverses the effects of organismal aging on mesenchymal stem cell proliferation and myogenic differentiation potential. <i>Stem cells (Dayton, Ohio)</i> 2012 Dec 30 (12): 2746-59..PMID: 22949105-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**