

Goat anti-Nanog (mouse aa270-284) Antibody

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	DLEVNLEATRESHAH, 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. Stem cells (Dayton, Ohio) 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 ender users! This product is sold for **Research Use Only**