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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12562 - Goat Anti-Nanog (mouse aa270-284) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: Nanog

Accession Number(s): NP_082292.1

Non-Human GeneID(s): 71950 (mouse)

Immunogen

Peptide with sequence C-DLEVNLEATRESHAH, from the internal region of the protein sequence according to NP_082292.1 .

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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. 2010 Aug 4;29(15):2659-74. PMID: 20581802). Recommended concentration: 0.5-2µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse



EB12562 (0.5µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.