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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 GenelD(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.

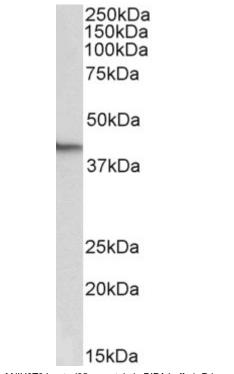
Applications Tested

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.