




Anti-Nanog antibody ab77095

10 References **1 图像**

概述

产品名称	Anti-Nanog抗体
描述	山羊多克隆抗体to Nanog
宿主	Goat
特异性	We have received reports this antibody does not work in pig, therefore we cannot guarantee it will work in this species.
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Dog, Pig  不与反应: Mouse
免疫原	Synthetic peptide: QNQRMKSKRWQKNN by a Cysteine residue linker, corresponding to internal sequence amino acids 144-157 of Human Nanog <div>  Run BLAST with  Run BLAST with </div>
阳性对照	Induced pluriform stem cells derived from human keratinocytes. Human ovary lysate.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99% Tris buffered saline
纯度	Immunogen affinity purified

纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab77095于以下的经测试应用

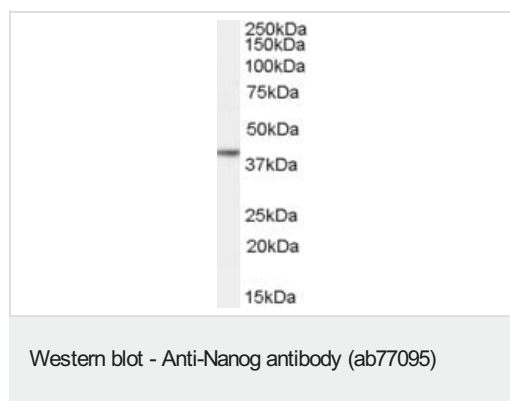
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.03 - 0.1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 35 kDa). A 1 hour primary incubation is recommended for this product. ab77095 is not suitable for Western Blot with pig samples.

靶标

功能	Transcription regulator involved in inner cell mass and embryonic stem (ES) cells proliferation and self-renewal. Imposes pluripotency on ES cells and prevents their differentiation towards extraembryonic endoderm and trophoctoderm lineages. Blocks bone morphogenetic protein-induced mesoderm differentiation of ES cells by physically interacting with SMAD1 and interfering with the recruitment of coactivators to the active SMAD transcriptional complexes (By similarity). Acts as a transcriptional activator or repressor (By similarity). Binds optimally to the DNA consensus sequence 5'-TAAT[GT][GT]-3' or 5'-[CG][GA][CG]C[GC]ATTAN[GC]-3' (By similarity). When overexpressed, promotes cells to enter into S phase and proliferation.
组织特异性	Expressed in testicular carcinoma and derived germ cell tumors (at protein level). Expressed in fetal gonads, ovary and testis. Also expressed in ovary teratocarcinoma cell line and testicular embryonic carcinoma. Not expressed in many somatic organs and oocytes.
序列相似性	Belongs to the Nanog homeobox family. Contains 1 homeobox DNA-binding domain.
发展阶段	Expressed in embryonic stem (ES) and carcinoma (EC) cells. Expressed in inner cell mass (ICM) of the blastocyst and gonocytes between 14 and 19 weeks of gestation (at protein level). Not expressed in oocytes, unfertilized oocytes, 2-16 cell embryos and early morula (at protein level). Expressed in embryonic stem cells (ES). Expression decreases with ES differentiation.
细胞定位	Nucleus.

图片



Anti-Nanog antibody (ab77095) at 0.1 µg/ml + Human ovary lysate at 35 µg

Developed using the ECL technique.

Predicted band size: 35 kDa

Observed band size: 38 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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