


Anti-Nanog antibody ab77095

[10 References](#) [画像数 1](#)

製品の概要

製品名	Anti-Nanog antibody
製品の詳細	Goat polyclonal to Nanog
由来種	Goat
特異性	We have received reports this antibody does not work in pig, therefore we cannot guarantee it will work in this species.
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Dog, Pig  非交差種: Mouse
免疫原	Synthetic peptide: QNQRMKSKRWQKNN by a Cysteine residue linker, corresponding to internal sequence amino acids 144-157 of Human Nanog Run BLAST with Run BLAST with
ポジティブ・コントロール	Induced pluriform stem cells derived from human keratinocytes. Human ovary lysate.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99% Tris buffered saline
精製度	Immunogen affinity purified

特記事項(精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

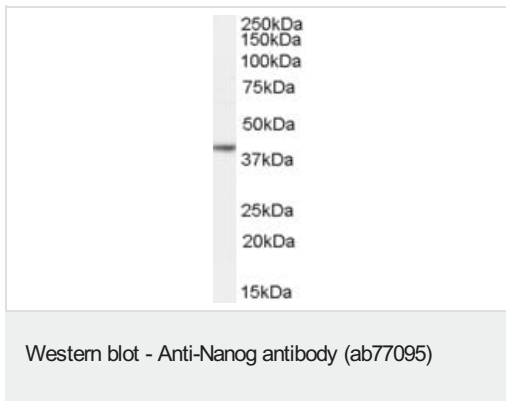
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab77095の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

機能	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.
組織特異性	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.
配列類似性	Belongs to the Nanog homeobox family. Contains 1 homeobox DNA-binding domain.
発生段階	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.
細胞内局在	Nucleus.

画像



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

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