

# Anti-Nanog antibody ab106465

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### 製品の概要

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製品名	Anti-Nanog antibody
製品の詳細	Rabbit polyclonal to Nanog
由来種	Rabbit
特異性	At least two isoforms of Nanog are known to exist; ab106465 will detect both.
アプリケーション	<b>適用あり:</b> IHC-P, ICC/IF, WB
種交差性	<b>交差種:</b> Human
免疫原	A 19 amino acid synthetic peptide near the center of Human Nanog (EAW88651).
ポジティブ・コントロール	Human spleen tissue lysate; Human spleen tissue
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&amp;As</p>

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (stable for up to 12 months).
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
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

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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ab106465の使用に適用されます**

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確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 5 µg/ml.
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 35 kDa.

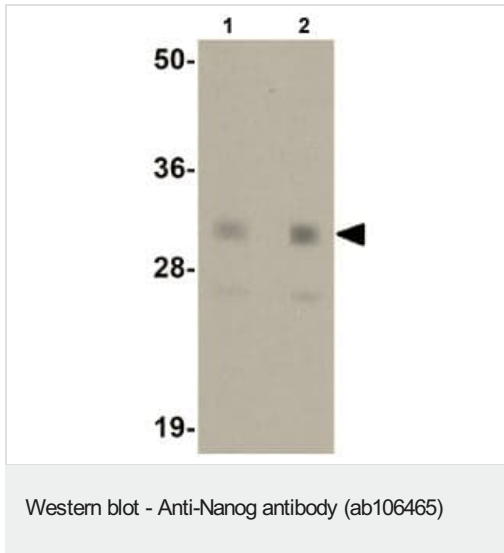
## ターゲット情報

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

## 画像

Immunocytochemistry/ Immunofluorescence - Anti-Nanog antibody (ab106465)

Immunofluorescence of NANOG in Human Spleen cells using ab106465 at 20 ug/ml.



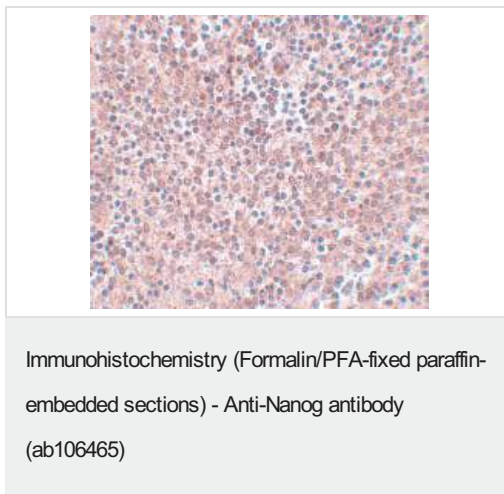
**Lane 1** : Anti-Nanog antibody (ab106465) at 1 µg/ml

**Lane 2** : Anti-Nanog antibody (ab106465) at 2 µg/ml

**All lanes** : Human spleen tissue lysate

Lysates/proteins at 15 µg per lane.

**Predicted band size:** 35 kDa



ab106465, at 5 µg/ml, staining Nanog in Human spleen tissue by Immunohistochemistry.

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

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