


Anti-Inhibin alpha antibody ab216969

[1 References](#) [2 图像](#)

概述

产品名称	Anti-Inhibin alpha抗体
描述	兔多克隆抗体to Inhibin alpha
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Rat 预测可用于: Mouse, Human 
免疫原	Synthetic peptide within Mouse Inhibin alpha aa 300 to the C-terminus conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q04997
阳性对照	Rat ovary tissue; Rat brain and kidney lysates.
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>

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性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
纯度	Protein A purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab216969于以下的经测试应用

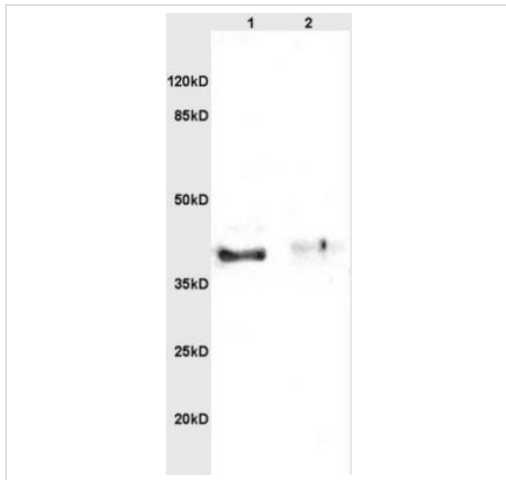
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/100 - 1/1000. Detects a band of approximately 39 kDa (predicted molecular weight: 40 kDa).
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins.
组织特异性	Originally found in ovary (granulosa cells) and testis (Sertoli cells), but widely distributed in many tissues including brain and placenta. In adrenal cortex expression is limited to the zona reticularis and the innermost zona fasciculata in the normal gland, extending centripetally into the zona fasciculata in hyperplasia. Also found in adrenocortical tumors. Also expressed in prostate epithelium of benign prostatic hyperplasia, in regions of basal cell hyperplasia and in nonmalignant regions of high grade prostate cancer. Only circulating inhibin B is found in male, whereas circulating inhibins A and B are found in female.
序列相似性	Belongs to the TGF-beta family.
翻译后修饰	Proteolytic processing yields a number of bioactive forms. The 20/23 kDa forms consist solely of the mature alpha chain, the 26/29 kDa forms consist of the most N-terminal propeptide linked through a disulfide bond to the mature alpha chain, the 50/53 kDa forms encompass the entire proprotein. Each type can be furthermore either mono- or diglycosylated, causing the mass difference.
细胞定位	Secreted.

图片



Western blot - Anti-Inhibin alpha antibody
(ab216969)

All lanes :

Lane 1 : rat brain lysate

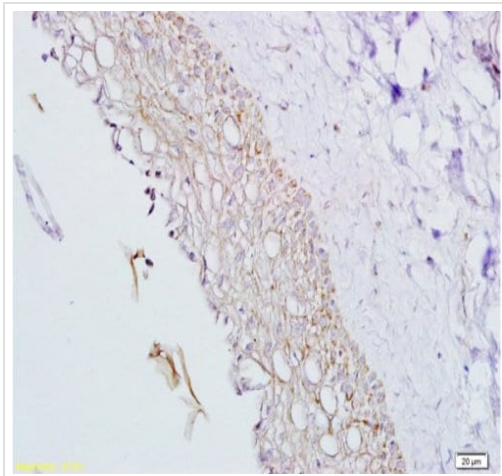
Lane 2 : rat kidney lysate

Secondary

All lanes : Goat Anti-Rabbit IgG Antibody (H+L), HRP at 1/3000 dilution

Predicted band size: 40 kDa

12% gel.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Inhibin alpha antibody
(ab216969)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded rat ovary tissue labeling Inhibin alpha with ab216969 at 1/200 dilution, followed by conjugation to the secondary antibody and DAB staining.

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