abcam

Product datasheet

Anti-Inhibin alpha antibody [EPY2782] ab81322

重组 RabMAb

1 References 2 图像

概述

产品名称 Anti-Inhibin alpha抗体[EPY2782]

描述 兔单克隆抗体[EPY2782] to Inhibin alpha

宿主 Rabbit

特异性 Note: 20/23 kDa bands consist of the mature alpha chain. 50/53 kDa bands are the entire

proprotein.

经测试应用 适用于: WB

不适用于: IHC-P or IP

与反应: Human 种属反应性

预测可用于: Mouse, Rat 🔷

免疫原 Synthetic peptide within Human Inhibin alpha aa 1-100 (N terminal). The exact sequence is

proprietary.

Database link: P05111

阳性对照 Human Adrenal gland, HeLa, Human placenta and LNCaP lysates.

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

性能

形式

存放说明 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

存储溶液 pH: 7.20

Preservative: 0.01% Sodium azide

Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

supernatant

1

纯**度** Tissue culture supernatant

克隆 单克隆

克隆编号 EPY2782

同种型 lgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab81322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		1/1000 - 1/2000. Predicted molecular weight: 40 kDa.

应用说明 Is unsuitable for IHC-P or IP.

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.

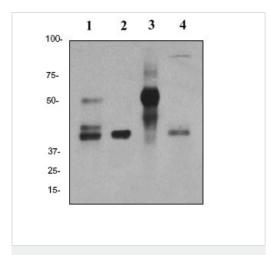
翻译后修饰 Proteolytic processing yields a number of bioactive forms. The 20/23 kDa forms consist solely of

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

[EPY2782] (ab81322)

All lanes : Anti-Inhibin alpha antibody [EPY2782] (ab81322) at 1/2000 dilution

Lane 1: Human Adrenal gland lysate

Lane 2: HeLa cell lysate

Lane 3: Human placenta lysate

Lane 4: LNCaP lysate

Lysates/proteins at 10 µg per lane.

Secondary

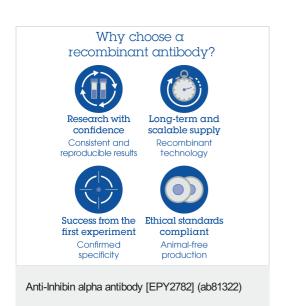
All lanes: HRP goat anti rabbit at 1/2000 dilution

Predicted band size: 40 kDa **Observed band size:** 40,50 kDa

Additional bands at: 42 kDa. We are unsure as to the identity of

these extra bands.

Note: the 50 kDa band corresponds to the entire proprotein.



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

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