

# Anti-REG1 alpha antibody ab47099

[4 References](#) [1 图像](#)

### 概述

<b>产品名称</b>	Anti-REG1 alpha抗体
<b>描述</b>	兔多克隆抗体to REG1 alpha
<b>宿主</b>	Rabbit
<b>特异性</b>	This antibody is specific for REG 1 alpha. It was tested in a sandwich ELISA with antigens: Reg 1beta, PAP=(REG III), and Reg IV. We did not detect any crossreactivity.
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Recombinant human REG 1 alpha. A 17.8 kDa protein containing 144 amino acid residues of the human REG 1 alpha and 12 additional amino acid residues, HisTag. Source of immunogen <i>E.coli</i>
<b>阳性对照</b>	recombinant protein
<b>常规说明</b>	<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>

### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	Constituents: 0.134% PBS, 0.58% Sodium chloride
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	Immunoaffinity chromatography on a column with immobilized recombinant human REG 1 alpha.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

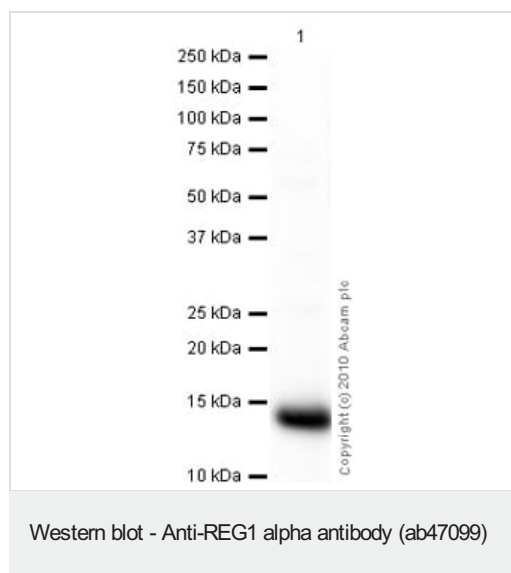
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“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 14 kDa (predicted molecular weight: 19 kDa).

**靶标**

<b>功能</b>	Might act as an inhibitor of spontaneous calcium carbonate precipitation. May be associated with neuronal sprouting in brain, and with brain and pancreas regeneration.
<b>组织特异性</b>	In pancreatic acinar cells and, in lower levels, in brain. Enhanced expression of PSP-related transcripts and intraneuronal accumulation of PSP-like proteins is found in brain from Alzheimer disease and Down syndrome patients.
<b>序列相似性</b>	Contains 1 C-type lectin domain.
<b>发展阶段</b>	High expression levels in fetal and infant brains; much lower in adult brains.
<b>翻译后修饰</b>	The composition of the O-linked carbohydrate on Thr-27 is complex and varied. In the crystallographic structure, the attached sugar appears to be N-acetylglucosamine, typical of an intracellular protein, rather than N-acetylgalactosamine.
<b>细胞定位</b>	Secreted.

**图片**

Anti-REG1 alpha antibody (ab47099) at 1 µg/ml + Human pancreas tissue lysate - total protein (**ab29816**) at 10 µg

**Secondary**

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 19 kDa

**Exposure time:** 30 seconds

The band observed at 14 kDa could potentially be a cleaved form of REG1 alpha due to the presence of a 25 amino acid signal peptide.

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

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