

## Product datasheet

# Anti-GPCR GPR120 antibody ab118757

2 Abreviews 1 图像

### 概述

<b>产品名称</b>	Anti-GPCR GPR120抗体
<b>描述</b>	兔多克隆抗体to GPCR GPR120
<b>宿主</b>	Rabbit
<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>预测可用于:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
<b>免疫原</b>	Synthetic peptide corresponding to a region within internal sequence amino acids 243-292 (VVTHSEITKA SRKRLTVSLA YSESHQIRVS QQDFRLFRTL FLLMVSFFIM) of Human GPCR GPR120. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>阳性对照</b>	HepG2 cell lysate.

### 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 long term.
<b>存储溶液</b>	Constituents: 97% PBS, 2% Sucrose
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab118757** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

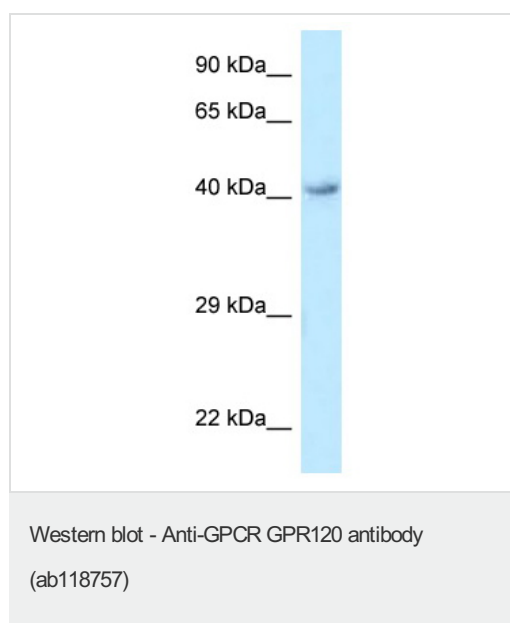
应用	Ab评论	说明

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 42 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## 靶标

<b>功能</b>	Receptor for medium and long-chain free fatty acid (FAA). Signals via a G(q)/G(11)-coupled pathway. Acts as a receptor for omega-3 fatty acids and mediates robust anti-inflammatory effects particularly in macrophages and fat cells. The anti-inflammatory effects involve inhibition of TAK1 through a beta-arrestin 2 (ARRB2)/TAB1 dependent effect but independent of G(q)/G(11)-coupled pathway. Mediates potent insulin sensitizing and antidiabetic effects by repressing macrophage-induced tissue inflammation. May mediate the taste of fatty acids.
<b>组织特异性</b>	Abundant expression in the intestinal tract.
<b>序列相似性</b>	Belongs to the G-protein coupled receptor 1 family.
<b>翻译后修饰</b>	Phosphorylated. FFA stimulation facilitates phosphorylation.
<b>细胞定位</b>	Cell membrane. Colocalized with ARRB2 following DHA treatment.

## 图片



Anti-GPCR GPR120 antibody (ab118757) at 1 µg/ml + HepG2 cell lysate at 10 µg

**Predicted band size: 42 kDa**

Gel concentration: 12%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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