

Product datasheet

Anti-GPCR GPR120 antibody ab118757

2 Abreviews 1 图像

概述

产品名称	Anti-GPCR GPR120抗体
描述	兔多克隆抗体to GPCR GPR120
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
免疫原	Synthetic peptide corresponding to a region within internal sequence amino acids 243-292 (VVTHSEITKA SRKRLTVSLA YSESHQIRVS QQDFRLFRTL FLLMVSFFIM) of Human GPCR GPR120. Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	HepG2 cell lysate.

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.
存储溶液	Constituents: 97% PBS, 2% Sucrose
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

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

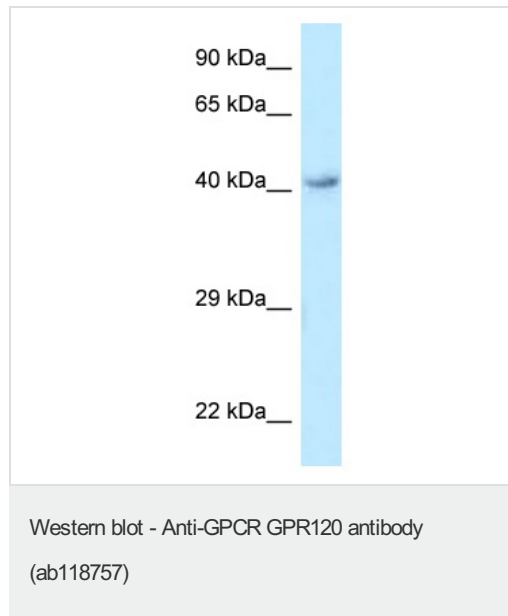
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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

功能	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.
组织特异性	Abundant expression in the intestinal tract.
序列相似性	Belongs to the G-protein coupled receptor 1 family.
翻译后修饰	Phosphorylated. FFA stimulation facilitates phosphorylation.
细胞定位	Cell membrane. Colocalized with ARRB2 following DHA treatment.

图片



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

Predicted band size : 42 kDa

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

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