

# Anti-ABCG8 antibody ab223056

**2 References**   **3 图像**

### 概述

产品名称	Anti-ABCG8抗体
描述	兔多克隆抗体to ABCG8
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Recombinant fragment corresponding to Human ABCG8 aa 176-413. Database link: <a href="#">Q9H221</a>
阳性对照	WB: Mouse heart, lung, kidney and stomach lysates. IHC-P: Human lung tissue. ICC/IF: MCF7 cells.
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&amp;As</p>

### 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: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
纯度	Protein G purified
纯化说明	Purity >95%
克隆	多克隆
同种型	IgG

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab223056于以下的经测试应用

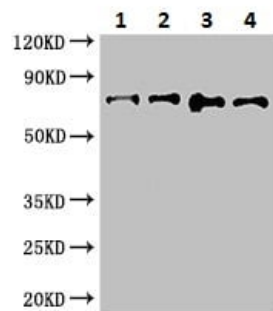
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/2000 - 1/10000. Detects a band of approximately 76 kDa (predicted molecular weight: 76 kDa).
IHC-P		1/20 - 1/200.
ICC/IF		1/50 - 1/200.

## 靶标

功能	Transporter that appears to play an indispensable role in the selective transport of the dietary cholesterol in and out of the enterocytes and in the selective sterol excretion by the liver into bile.
组织特异性	Strongly expressed in the liver, lower levels in the small intestine and colon. Detectable in a wide variety of human tissues.
疾病相关	<p>Genetic variations in ABCG8 can be associated with susceptibility to gallbladder disease type 4 (GBD4) [MIM:611465]. With an overall prevalence of 10-20%, gallstone disease (cholelithiasis) represents one of the most frequent and economically relevant health problems of industrialized countries.</p> <p>Defects in ABCG8 are a cause of sitosterolemia (STSL) [MIM:210250]; also known as phytosterolemia or shellfish sterolemia. It is a rare autosomal recessive disorder characterized by increased intestinal absorption of all sterols including cholesterol, plant and shellfish sterols, and decreased biliary excretion of dietary sterols into bile. Sitosterolemia patients have hypercholesterolemia, very high levels of plant sterols in the plasma, and frequently develop tendon and tuberous xanthomas, accelerated atherosclerosis and premature coronary artery disease.</p>
序列相似性	<p>Belongs to the ABC transporter superfamily. ABCG family. Eye pigment precursor importer (TC 3.A.1.204) subfamily.</p> <p>Contains 1 ABC transmembrane type-2 domain.</p> <p>Contains 1 ABC transporter domain.</p>
细胞定位	Membrane.

## 图片



Western blot - Anti-ABCG8 antibody (ab223056)

**All lanes :** Anti-ABCG8 antibody (ab223056) at 1/2000 dilution

**Lane 1 :** Mouse heart lysate

**Lane 2 :** Mouse lung lysate

**Lane 3 :** Mouse kidney lysate

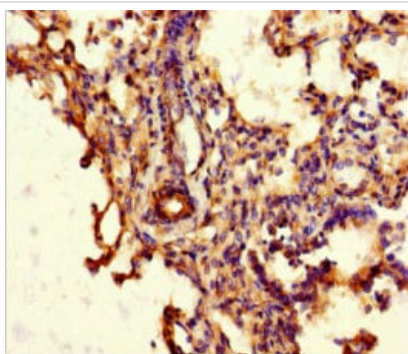
**Lane 4 :** Mouse stomach lysate

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG at 1/50000 dilution

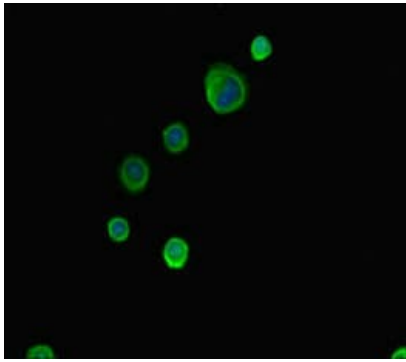
**Predicted band size:** 76 kDa

**Observed band size:** 76 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABCG8 antibody (ab223056)

Paraffin-embedded human lung tissue stained for ABCG8 using ab223056 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-ABCG8 antibody (ab223056)

MCF7 (human breast adenocarcinoma cell line) cells stained for ABCG8 (green) using ab223056 at 1/100 dilution in ICC/IF, followed by Alexa Fluor® 488-conjugated Goat Anti-Rabbit IgG(H+L).

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

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