

Anti-BCRP/ABCG2 antibody ab63907

★★★★☆ [1 Abreviews](#) [11 References](#) [1 图像](#)

概述

产品名称	Anti-BCRP/ABCG2抗体
描述	兔多克隆抗体to BCRP/ABCG2
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human, Pig 预测可用于: Rat, Macaque monkey 
免疫原	Synthetic peptide corresponding to Human BCRP/ABCG2 aa 550-650 conjugated to keyhole limpet haemocyanin. (Peptide available as ab100820)
阳性对照	This antibody gave a positive signal in Human Placenta Tissue 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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab63907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)	Use a concentration of 1 µg/ml. Detects a band of approximately 72 kDa (predicted molecular weight: 72 kDa).

靶标

功能

Xenobiotic transporter that may play an important role in the exclusion of xenobiotics from the brain. May be involved in brain-to-blood efflux. Appears to play a major role in the multidrug resistance phenotype of several cancer cell lines. When overexpressed, the transfected cells become resistant to mitoxantrone, daunorubicin and doxorubicin, display diminished intracellular accumulation of daunorubicin, and manifest an ATP-dependent increase in the efflux of rhodamine 123.

组织特异性

Highly expressed in placenta. Low expression in small intestine, liver and colon.

序列相似性

Belongs to the ABC transporter superfamily. ABCG family. Eye pigment precursor importer (TC 3.A.1.204) subfamily.

Contains 1 ABC transmembrane type-2 domain.

Contains 1 ABC transporter domain.

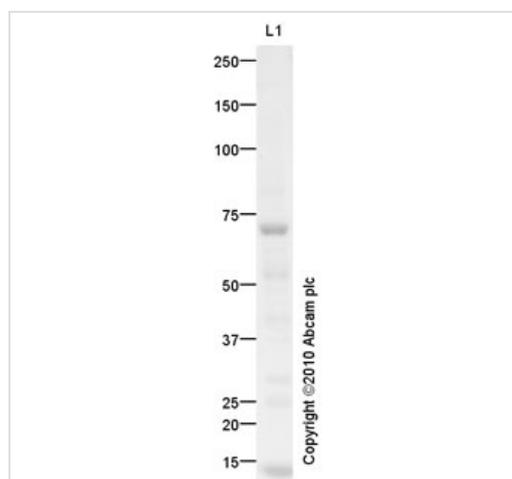
翻译后修饰

Glycosylation-deficient ABCG2 is normally expressed and functional.

细胞定位

Cell membrane.

图片



Western blot - Anti-BCRP/ABCG2 antibody (ab63907)

Anti-BCRP/ABCG2 antibody (ab63907) at 1 µg/ml + Human placenta tissue lysate - total protein ([ab29745](#)) at 10 µg

Secondary

Secondary anti-rabbit antibody at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 72 kDa

Observed band size: 72 kDa

Additional bands at: 10 kDa, 55 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 20 minutes

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

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