

产品名称: ABCG2 Rabbit Polyclonal Antibody
产品货号: APRab00376



产品概述 (Summary)

产品名称 (Production Name)	ABCG2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	ABCG2 ABCG2; ABCP; BCRP; BCRP1; MXR; ATP-binding cassette sub-family G member 2; Breast cancer resistance protein; CDw338; Mitoxantrone resistance-associated protein; Placenta-specific ATP-binding cassette transporter; CD338
别名 (Alternative Names)	
基因 ID (Gene ID)	9429
蛋白 ID (SwissProt ID)	Q9UNQ0.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	Calculated MW: 72 kDa; Observed MW: 72 kDa

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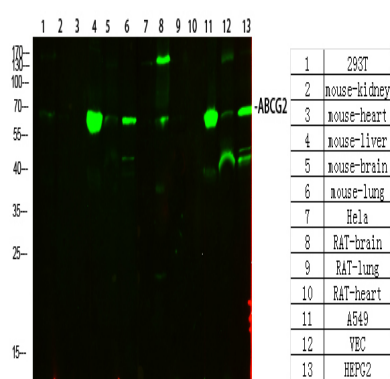
研究背景 (Background)

ABCG2 confers resistance for a variety of chemotherapeutic agents, including anthracyclines, mitoxantrone, bisantrene and topotecan. 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.

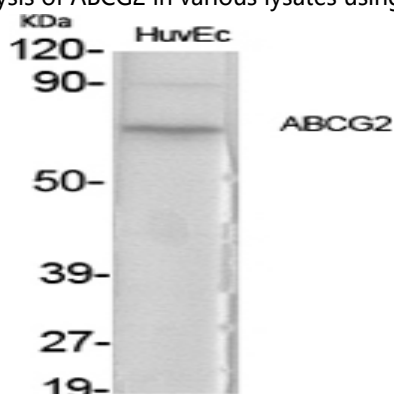
研究领域 (Research Area)

Stem Cells

图片 (Image Data)



Western blot analysis of ABCG2 in various lysates using ABCG2 antibody.

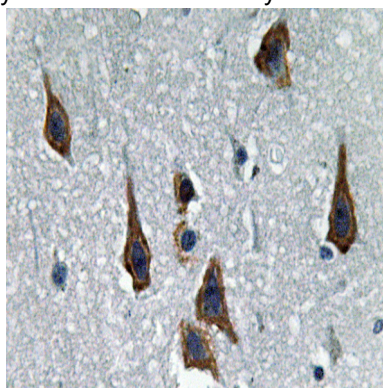


Western blot analysis of ABCG2 in various lysates using ABCG2 antibody.

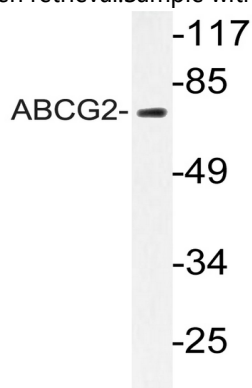
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Western blot analysis of ABCG2 in HT-29 lysates using ABCG2 antibody



Immunohistochemistry analysis of paraffin-embedded Human brain using ABCG2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of ABCG2 in HT-29 lysates using ABCG2 antibody.

注意事项 (Note)

For research use only .