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ABCG2 Rabbit mAb

货号: AYM29966

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	67kDa/72kDa
实测分子量	72kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,A-549,MCF7
细胞定位	Cell membrane,Mitochondrion membrane,Multi-pass membrane protein
纯化	Affinity purification

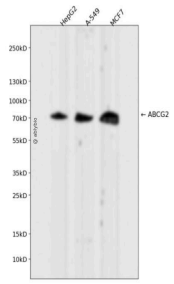
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human ABCG2.

靶点信息

研究背景	The membrane-associated protein encoded by this gene is included in the superfamily of ATP-binding cas sette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membr anes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, W hite). This protein is a member of the White subfamily. Alternatively referred to as a breast cancer resista nce protein, this protein functions as a xenobiotic transporter which may play a major role in multi-drug r esistance. It likely serves as a cellular defense mechanism in response to mitoxantrone and anthracycline exposure. Significant expression of this protein has been observed in the placenta, which may suggest a potential role for this molecule in placenta tissue. Multiple transcript variants encoding different isoforms have been found for this gene.
基因ID	9429
基因名	ABCG2
Swiss	Q9UNQ0 (https://www.uniprot.org/uniprotkb/Q9UNQ0/entry)
别名	ABCG2,ABCG2 Rabbit mAb,ATP-binding cassette sub-family G member 2,Breast cancer resistance protein, CDw338,Mitoxantrone resistance-associated protein,Placenta-specific ATP-binding cassette transporter,Ur ate exporter,ABCP,BCRP,BCRP1,MXR

产品验证



Western blot analysis of ABCG2 expressed in HepG2,A-549,MCF7 using ABCG2 Rabbit mAb at 1:1000. Sec ondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buf fer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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