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ABCG2 Rabbit pAb

货号: **AYP11692**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens , Oryza sativa , Rattus norvegicus
应用	WB IF/ICC
推荐浓度	WB: 1:1000 - 1:5000 IF/ICC: 1:50 - 1:200
理论分子量	67kDa/72kDa
实测分子量	65-80KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2
细胞定位	Cell membrane,Mitochondrion membrane,Multi-pass membrane protein
纯化	Affinity purification

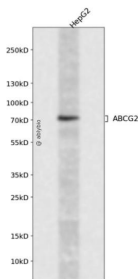
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human ABCG2 (NP_004818.2).
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靶点信息

研究背景	The membrane-associated protein encoded by this gene is included in the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. Alternatively referred to as a breast cancer resistance protein, this protein functions as a xenobiotic transporter which may play a major role in multi-drug resistance. 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	ABC15,ABCP,BCRP,BCRP1,BMDP,CD338,CDw338,EST157481,GOUT1,MRX,MXR,MXR-1,MXR1,UAQTL1,ABCG2,ABCG2 Rabbit pAb,ATP-binding cassette sub-family G member 2,Breast cancer resistance protein,Mitoxantrone resistance-associated protein,Placenta-specific ATP-binding cassette transporter,Urate exporter

产品验证



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

实验步骤

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