

ABCG2 Rabbit Polyclonal Antibody

Catalog# UZ-PA00177

Product information

产品货号	UZ-PA00177
别名	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
产品名称	ABCG2 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ABCG2
推荐应用	IF-P,IF-F,IF-ICC, WB,IHC-P,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	9429
Human Swissprot No.	Q9UNQ0
免疫原	The antiserum was produced against synthesized peptide derived from the Internal region of human ABCG2. AA range:461-510
稀释度	IF-P/IF-F/IF-ICC 1:50-200, WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:10000.Not yet tested in other applications.
预测分子量	75kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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.
细胞定位	Cell membrane ; Multi-pass membrane protein . Apical cell membrane ; Multi-pass membrane protein . Mitochondrion membrane ; Multi-pass membrane protein . Enriched in membrane lipid rafts. .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal