

# P Glycoprotein Rabbit pAb

货号: B10687

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>IF:</b> Homo sapiens
应用	<a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a>
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	134kDa/141kDa
实测分子量	160KDa
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	SH-SY5Y
细胞定位	Cell membrane,Multi-pass membrane protein
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 603-692 of human P Gly coprotein (NP_000918.2).
序列	DGVIVEKGNHDELMKEKGIYFKLVMTQTAGNEVELENAADESKSEIDALEMSSNDSRSSLIRKRSTRRSVRGSQAQDRKLSTKEALDESI

靶点信息

研究背景	The membrane-associated protein encoded by this gene is a member of 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 MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The protein encoded by this gene is an ATP-dependent drug efflux pump for xenobiotic compounds with broad substrate specificity. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anticancer drugs. This protein also functions as a transporter in the blood-brain barrier. Mutations in this gene are associated with colchicine resistance and Inflammatory bowel disease 13. Alternative splicing and the use of alternative promoters results in multiple transcript variants.
基因ID	5243
基因名	ABCB1
Swiss	P08183
别名	ABC20;CD243;CLCS;GP170;MDR1;P-GP;PGY1;P Glycoprotein;ABCB1

产品验证

实验步骤

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