

ABCC5 Rabbit pAb

货号: AYP11850

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 IHC: Mus musculus IP: Mus musculus
应用	WB
推荐浓度	WB: 1:1000 - 1:2000
理论分子量	23kDa/25kDa/155kDa/160kDa
实测分子量	185kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Mouse lung,Rat brain
细胞定位	Membrane,Multi-pass membrane protein
纯化	Affinity purification

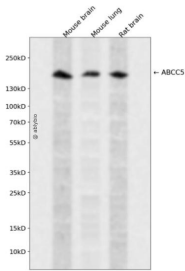
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-179 of human ABCC5 (NP_005679.2).
序列	MKDIDIGKEYIIPSPGYRSVRERTSTSGTHRDREDSKFRRTTRPLECQDALETAARAEGLSLDASMHSQLRILDEEHPKGKYH HGLSALKPIRTTSKHQHPVDNAGLFWLSSSLARVAHKKGELSMEDVWVWVSLSKHESDVNCRRLERLWQEELNEVG PDAASLRRVWVWIFCTRL

靶点信息

研究背景	The 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 MRP subfamily which is involved in multi-drug resistance. This protein functions in the cellular export of its substrate, cyclic nucleotides. This export contributes to the degradation of phosphodiesterases and possibly an elimination pathway for cyclic nucleotides. Studies show that this protein provides resistance to thiopurine anticancer drugs, 6-mercaptopurine and thioguanine, and the anti-HIV drug 9-(2-phosphonylmethoxyethyl)adenine. This protein may be involved in resistance to thiopurines in acute lymphoblastic leukemia and antiretroviral nucleoside analogs in HIV-infected patients. Alternative splicing results in multiple transcript variants.
基因ID	10057
基因名	ABCC5
Swiss	O15440
别名	ABCC5;ABC33;EST277145;MOAT-C;MOATC;MRP5;SMRP;pABC11

产品验证



Western blot analysis of ABCC5 expressed in Mouse brain, Mouse lung, Rat brain using ABCC5 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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