

ABCC5

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:1000 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 161kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human ABCC5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MRP5; SMRP; ABC33; MOATC; MOAT-C; pABC11; EST277145

Catalog #: A3028

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 10057

Isotype: IgG

Swiss Prot: O15440

Purity: Affinity purification

For research use only.

Background:

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.

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