

ABCC5 antibody

Catalog No: #38542

Package Size: #38542-1 50ul #38542-2 100ul

Orders: order@signalwayantibody.com

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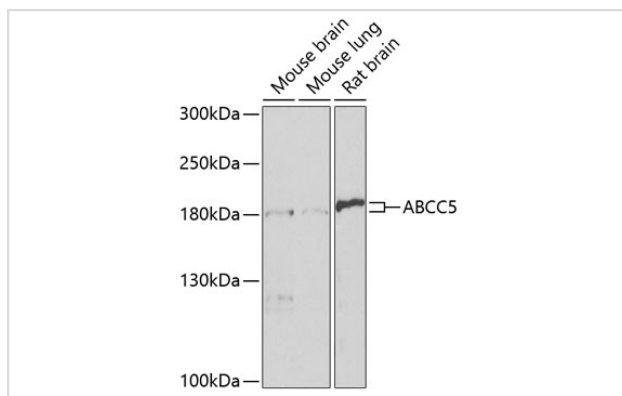
Description

Product Name	ABCC5 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ABCC5 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human ABCC5.
Target Name	ABCC5
Other Names	MRP5; SMRP; ABC33; MOATC; MOAT-C; pABC11; EST277145
Accession No.	Swiss-Prot#: O15440NCBI Gene ID: 10057
Uniprot	O15440
GeneID	10057;
SDS-PAGE MW	161kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB 1:1000 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using ABCC5 at 1:1000 dilution.

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.

Note: This product is for in vitro research use only