

Rabbit ABCC5 Polyclonal Antibody | anti-ABCC5 antibody

ABCC5 Antibody

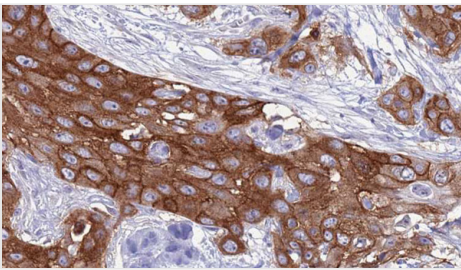
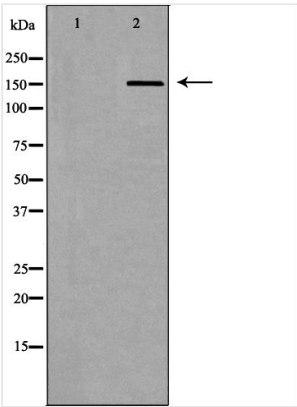
CATALOG # AAA326882	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ABCC5; Polyclonal Antibody; ABCC5 Antibody; ABC 33; ABC33; ABCC 5; Abcc5; ATP binding cassette sub family C (CFTR/MRP) member 5; ATP binding cassette sub family C member 5; ATP-binding cassette sub-family C member 5; Canalicular multispecific organic anion transporter C; DKFZp686C1782; EST277145; MOAT C; MOAT-C; MOATC; MRP 5; MRP5_HUMAN; Multi specific organic anion transporter C; Multi-specific organic anion transporter C; Multidrug resistance associated protein 5; Multidrug resistance-associated protein 5; pABC 11; pABC11; SMRP; anti-ABCC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ABCC5 antibody detects endogenous levels of total ABCC5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	208
Applicable Applications for anti-ABCC5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human ABCC5
Subcellular Location	Membrane.
Tissue Specificity	All isoforms are equally expressed in retina.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA326882 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of Mouse heart tissue lysate, using ABCC5 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC5 antibody	Description: 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. Function: Acts as a multispecific organic anion pump which can transport nucleotide analogs. Similarity: Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.
References	Xiang Y, Ye W, Huang C, Yu D, Chen H, Deng T, Zhang F, Lou B, Zhang J, Shi K, Chen B, Zhou M; Journal: Oxid Med Cell Longev. Brusatol Enhances the Chemotherapy Efficacy of Gemcitabine in Pancreatic Cancer via the Nrf2 Signalling Pathway.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66529093
NCBI GeneID	10057
NCBI Accession #	NP_001018881.1
NCBI GenBank Nucleotide #	NM_001023587.2
UniProt Accession #	O15440; O14517; Q29ZA9; Q29ZB1; Q86UX3; Q86W30; Q9UN85; Q9UNP5; Q9UQC3; B9EIQ2
Molecular Weight	Observed: 161 kDa Predicted: 161 kDa
NCBI Official Full Name	multidrug resistance-associated protein 5 isoform 2
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 5
NCBI Official Symbol	ABCC5
NCBI Official Synonym Symbols	MRP5; SMRP; ABC33; MOATC; MOAT-C; pABC11; EST277145
NCBI Protein Information	multidrug resistance-associated protein 5
UniProt Protein Name	Multidrug resistance-associated protein 5
UniProt Gene Name	ABCC5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcc5-antibody-immunohistochemistry-western-blot-elisa/326882>