

Rabbit ABCC5 Polyclonal Antibody | anti-ABCC5 antibody

ABCC5 antibody

CATALOG # AAA304214	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

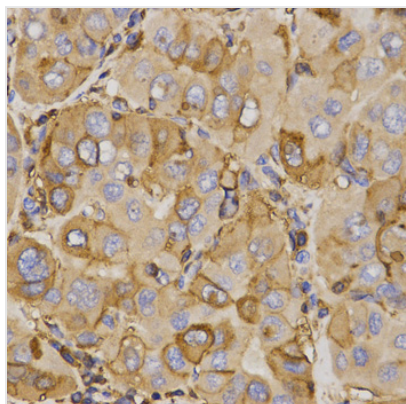
PRODUCT SYNONYMS

ABCC5; Polyclonal Antibody; ABCC5 antibody; MRP5; SMRP; ABC33; MOATC; MOAT-C; pABC11; EST277145; anti-ABCC5 antibody

PRODUCT SPECIFICATIONS

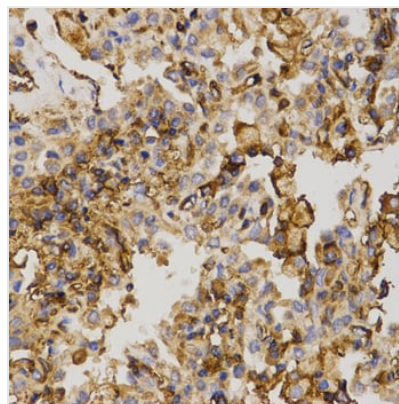
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ABCC5 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	208
Applicable Applications for anti-ABCC5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human ABCC5.
Target Name	ABCC5
Preparation and Storage	Store at -20 degree C

IMAGES



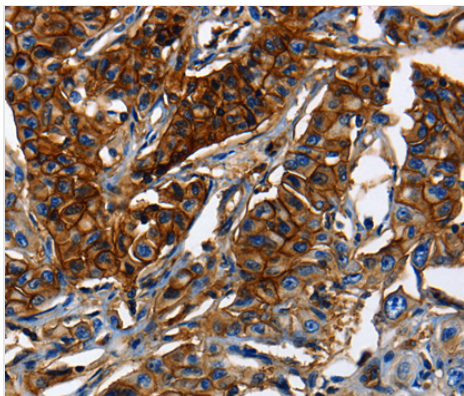
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver cancer tissue using ABCC5 antibody at dilution of 1:200 (x400 lens).



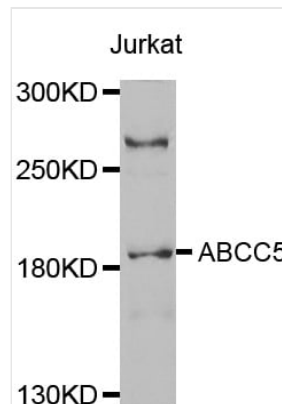
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer tissue using ABCC5 antibody at dilution of 1:200 (x400 lens).



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using ABCC5 antibody.



WB (Western Blot)

Western blot analysis of extracts of Jurkat cell line, using ABCC5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC5 antibody	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.
Product Categories/Family for anti-ABCC5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	66529093
NCBI GeneID	10057
NCBI Accession #	NP_001018881.1
NCBI GenBank Nucleotide #	NM_001023587.1
UniProt Accession #	O15440; O14517; Q29ZA9; Q29ZB1; Q86UX3; Q86W30; Q9UN85; Q9UNP5; Q9UQC3; B9EIQ2
Molecular Weight	155,732 Da
NCBI Official Full Name	multidrug resistance-associated protein 5 isoform 2
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family C (CFTR/MRP), 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
UniProt Synonym Gene Names	MRP5; MOAT-C
UniProt Entry Name	MRP5_HUMAN

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.

