

Rabbit anti-Human ABCC3 Polyclonal Antibody | anti-ABCC3 antibody

ABCC3 Antibody (Center)

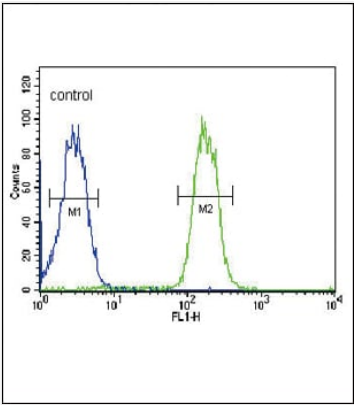
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286711	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

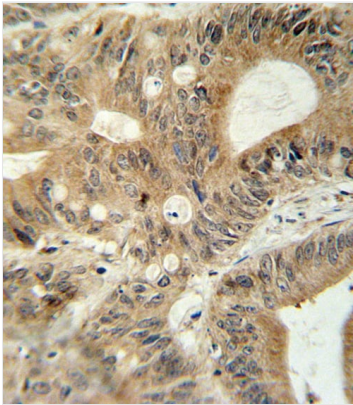
ABCC3; Polyclonal Antibody; ABCC3 Antibody (Center); Canalicular multispecific organic anion transporter 2; ATP-binding cassette sub-family C member 3; Multi-specific organic anion transporter D; MOAT-D; Multidrug resistance-associated protein 3; CMOAT2; MLP2; MRP3; anti-ABCC3 antibody

PRODUCT SPECIFICATIONS

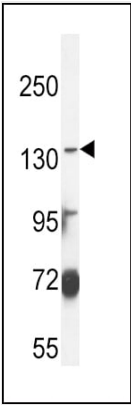
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ABCC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 899-925 amino acids from the Central region of human ABCC3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	899-925
Sequence Length	572
Applicable Applications for anti-ABCC3 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ABCC3 Antibody (Center) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
ABCC3 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ABCC3 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ABCC3 Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the ABCC3 antibody detected the ABCC3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC3 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. The specific function of this protein has not yet been determined; however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.
Product Categories/Family for anti-ABCC3 antibody	Cancer; Metabolism; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Hoffman, A.D., et al. Protein J. 29(5):373-379(2010) Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Moyer, A.M., et al. Cancer Epidemiol. Biomarkers Prev. 19(3):811-821(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316556
NCBI GeneID	8714
NCBI Accession #	NP_001137542.1; NP_003777.2
NCBI GenBank Nucleotide #	NM_001144070.1
UniProt Accession #	O15438; O60265; O60922; O75621; O95078; O95289; O95290; Q86X85; Q9UN52; B2RPA9; D3DTX9
Molecular Weight	169343
NCBI Official Full Name	canalicular multispecific organic anion transporter 2 isoform 2
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family C (CFTR/MRP), member 3
NCBI Official Symbol	ABCC3
NCBI Official Synonym Symbols	MLP2; MRP3; ABC31; MOAT-D; cMOAT2; EST90757
NCBI Protein Information	canalicular multispecific organic anion transporter 2
UniProt Protein Name	Canalicular multispecific organic anion transporter 2
UniProt Gene Name	ABCC3
UniProt Synonym Gene Names	CMOAT2; MLP2; MRP3; MOAT-D
UniProt Entry Name	MRP3_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/abcc3-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/286711>