

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

ABCC3 Antibody (Center)

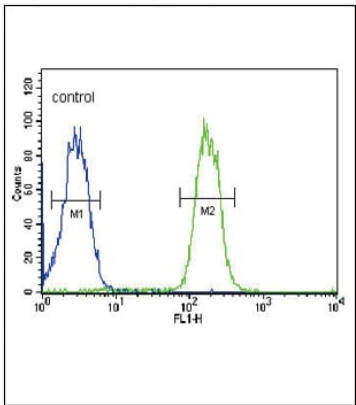
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA286711 | Rabbit | Human      | Western Blot, Flow Cytometry, Functional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

### PRODUCT SYNONYMS

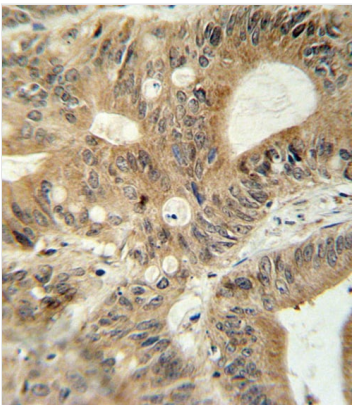
ABCC3; Polyclonal Antibody; ABCC3 Antibody (Center); Canalicular multispecific organic anion transporter 2; ATP-binding cassette sub-family C member 3; Multispecific organic anion transporter D; MOAT-D; Multidrug resistance-associated protein 3; CMOAT2; MLP2; MRP3; anti-ABCC3 antibody

### PRODUCT SPECIFICATIONS

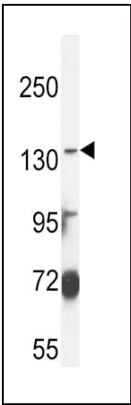
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 (Immunohistochemistry)**  
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

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-ABCC3 antibody</b> | 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. |
| <b>Product Categories/Family for anti-ABCC3 antibody</b>   | Cancer; Metabolism; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>References</b>                                          | Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)<br>Hoffman, A.D., et al. Protein J. 29(5):373-379(2010)<br>Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)<br>Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :<br>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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcc3-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/286711>