

## Rabbit anti-Human ABCC11 Polyclonal Antibody | anti-ABCC11 antibody

ABCC11 Antibody

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA327865</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

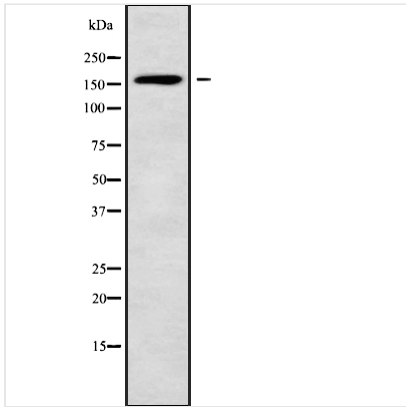
### PRODUCT SYNONYMS

ABCC11; Polyclonal Antibody; ABCC11 Antibody; ABCC 11; ATP binding cassette protein C11; ATP binding cassette sub family C (CFTR/MRP) member 11; ATP binding cassette sub family C member 11; ATP binding cassette transporter MRP8; ATP binding cassette transporter sub family C member 11; EWWD; MRP8; Multi resistance protein 8; Multidrug resistance associated protein 8; OTTHUMP00000164191; WW; anti-ABCC11 antibody

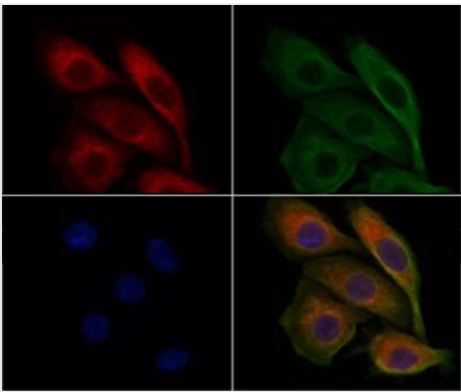
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                               |
| Reactivity                                       | Human                                                                                                                                                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                           |
| Isotype                                          | IgG                                                                                                                                                                                                                                                                                                                  |
| Specificity                                      | ABCC11 antibody detects endogenous levels of total ABCC11                                                                                                                                                                                                                                                            |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.                                                                                                                                                                                                                        |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                        |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                                                                                                                                                                                                               |
| Sequence Length                                  | 1382                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-ABCC11 antibody | ELISA, WB (Western Blot)                                                                                                                                                                                                                                                                                             |
| Immunogen                                        | A synthesized peptide derived from human ABCC11, corresponding to a region within the internal amino acids.                                                                                                                                                                                                          |
| Subcellular Location                             | Membrane; Multipass Membrane Protein.                                                                                                                                                                                                                                                                                |
| Tissue Specificity                               | Expressed in ceruminous apocrine gland (at protein level) (PubMed:19383836, PubMed:19710689). Expressed in many tissues. Not expressed in kidney, spleen and colon. Highly expressed in breast cancer. Expressed at moderate levels in normal breast and testis and at very low levels in liver, brain and placenta. |
| Predicted Cross Reactivity                       | <b>Bovine, Horse, Dog</b>                                                                                                                                                                                                                                                                                            |
| Similarity                                       | Bovine (86%), Horse (86%), Dog (88%)<br>Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily. [View classification]                                                                                                                                               |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                                                                                         |
| Important                                        | For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.                                                                                                                                                                            |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                    |

IMAGES



**WB (Western Blot)**  
Western blot analysis of ABCC11 using Jurkat whole cell lysates



**IF (Immunofluorescence)**  
AAA327865 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA327865 1:200) and mouse anti-tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-ABCC11 antibody</b> | <p>Function: Participates in physiological processes involving bile acids, conjugated steroids and cyclic nucleotides (PubMed:12764137, PubMed:15537867). Enhances the cellular extrusion of cAMP and cGMP (PubMed:12764137, PubMed:15537867). Stimulates the ATP-dependent uptake of a range of physiological and synthetic lipophilic anions, including the glutathione S-conjugates leukotriene C4 and dinitrophenyl S-glutathione, steroid sulfates such as dehydroepiandrosterone 3-sulfate (DHEAS) and estrone 3-sulfate, glucuronides such as estradiol 17-beta-D-glucuronide (E217betaG), the monoanionic bile acids glycocholate and taurocholate, and methotrexate (PubMed:15537867, PubMed:25896536). Probably functions to secrete earwax (PubMed:16444273, PubMed:19383836). Required for the secretion of components contributing to axillary odor formation (PubMed:19710689).</p> <p>Similarity: Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.</p> |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 21729873                                              |
| NCBI GeneID                      | 85320                                                 |
| NCBI Accession #                 | NP_115972.2                                           |
| NCBI GenBank Nucleotide #        | NM_032583.3                                           |
| UniProt Accession #              | Q96J66; Q8TDJ0; Q96JA6; Q9BX80                        |
| Molecular Weight                 | 154kDa                                                |
| NCBI Official Full Name          | ATP-binding cassette sub-family C member 11 isoform a |
| NCBI Official Synonym Full Names | ATP binding cassette subfamily C member 11            |
| NCBI Official Symbol             | ABCC11                                                |
| NCBI Official Synonym Symbols    | WW; EWWD; MRP8                                        |
| NCBI Protein Information         | ATP-binding cassette sub-family C member 11           |
| UniProt Protein Name             | ATP-binding cassette sub-family C member 11           |
| UniProt Gene Name                | ABCC11                                                |
| UniProt Synonym Gene Names       | MRP8                                                  |

**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/abcc11-antibody-western-blot-elisa/327865>