10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ABCC11 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58197

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96J66
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	154301

Additional Information

Gene ID	85320
Other Names	ATP-binding cassette sub-family C member 11, 7.6.2.2, 7.6.2.3, Multidrug resistance-associated protein 8, ABCC11 (HGNC:14639), MRP8
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ABCC11 (HGNC:14639)
Function	ATP-dependent transporter of the ATP-binding cassette (ABC) family that actively extrudes physiological compounds and xenobiotics from cells. Plays a role in physiological processes involving bile acids, conjugated steroids and cyclic nucleotides, including cAMP and cGMP (PubMed:12764137, PubMed:15537867). Mediates the ATP-dependent efflux of a range of physiological 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 (E(2)17betaG), the monoanionic bile acids glycocholate and taurocholate, and methotrexate (PubMed:15537867, PubMed:16359813, PubMed:25896536). Plays a role in the transport of earwax components (PubMed:16444273, PubMed:19383836). Participates in the secretion of odorants and their precursors from the apocrine sweat glands, including the secretion of glutamine conjugates, as well as the Cys-Gly-(S) conjugates of 3-methyl-3-sulfanyl-hexanol (PubMed:19710689). Involved in the cellular extrusion of nucleotide analogs, hence conferring resistance to various drugs, including clinically relevant

	drugs such as 5-fluorouracil (5-FU) and methotrexate (PubMed:12764137, PubMed:15537867, PubMed:25896536).
Cellular Location	Cell membrane; Multi-pass membrane protein. Vacuole membrane Cytoplasmic vesicle membrane. Apical cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in apocrine glands (at protein level) (PubMed:19383836, PubMed:19710689). Expressed at moderate levels in breast and testis and at very low levels in liver, brain and placenta (PubMed:11483364, PubMed:11591886, PubMed:16359813). Localizes to axons of the central and peripheral nervous system (at protein level) (PubMed:16359813).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.