

ABCCB Rabbit pAb

CatalogNo: YN0483

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,ELISA

MW

- 152kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 50-130

Specificity ABCCB Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ABCC11 MRP8

Protein Name	ATP-binding cassette sub-family C member 11 (Multidrug resistance-associated protein 8)		
	Organism	Gene ID	UniProt ID
	Human	85320 ;	Q96J66 ;

Cellular Localization Cell membrane ; Multi-pass membrane protein . Vacuole membrane . Cytoplasmic vesicle membrane . Apical cell membrane ; Multi-pass 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 (PubMed:11483364, PubMed:11591886, PubMed:19383836, PubMed:19710689). Localizes to axons of the CNS and peripheral nervous system (at protein level) (PubMed:16359813).

Function Function:Participates in physiological processes involving bile acids, conjugated steroids and cyclic nucleotides. Enhances the cellular extrusion of cAMP and cGMP. 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 (E(2)17betaG), the monoanionic bile acids glycocholate and taurocholate, and methotrexate. Probably functions to secrete earwax.,online information:Of earwax and migration - Issue 67 of February 2006,polymorphism:The allele with Arg-184 is responsible for the dry earwax phenotype [MIM:117800]. Human earwax is a mendelian trait consisting of wet and dry types. The wet earwax is brownish and sticky, whereas the dry type lacks cerumen. The wet cerumen phenotype is completely dominant. The dry type is seen frequently (80-95%) among East Asians, but uncommon (0-3%) in populations of European and African origins. Intermediate frequencies (30-50%) of the dry type are seen in populations of Southern Asia, the Pacific Islands, Central Asia and Asia Minor, as well as among the Native North American and Inuit of Asian ancestry.,similarity:Belongs to the ABC transporter family. Conjugate transporter (TC 3.A.1.208) subfamily.,similarity:Contains 2 ABC transmembrane type-1 domains.,similarity:Contains 2 ABC transporter domains.,tissue specificity: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.,

Validation Data

Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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