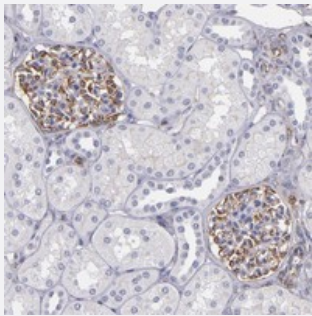


ABCC1 polyclonal antibody

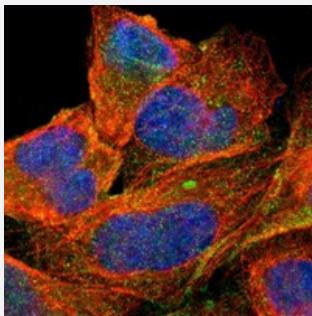
Catalog # PAB21085 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with ABCC1 polyclonal antibody (Cat # PAB21085) shows strong cytoplasmic positivity in a subset of cells in glomeruli.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with ABCC1 polyclonal antibody (Cat # PAB21085) at 1-4 ug/mL dilution shows positivity in plasma membrane.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ABCC1.
Immunogen	Recombinant protein corresponding to amino acids of human ABCC1.
Sequence	LVTHSMSYLPQVDVIVMSGGKISEMGSYQELLARDGAFAEFLRTYASTEQQEQAEEENGVTGVSG PGKEAKQMENGMLVTDSAGKQLQRQLSSSSSYSGDISRHHNSTAELQKAEAKKEETWKLMEAD KAQTGQVKLSVYWD
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with ABCC1 polyclonal antibody (Cat # PAB21085) at 1-4 ug/mL dilution shows positivity in plasma membrane.

Gene Info — ABCC1

Entrez GeneID	4363
Protein Accession#	P33527
Gene Name	ABCC1
Gene Alias	ABC29, ABCC, DKFZp686N04233, DKFZp781G125, GS-X, MRP, MRP1
Gene Description	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
Omim ID	158343
Gene Ontology	Hyperlink

Gene Summary

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 full transporter is a member of the MRP subfamily which is involved in multidrug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternative splicing by exon deletion results in several splice variants but maintains the original open reading frame in all forms. [provided by RefSeq]

Other Designations

ATP-binding cassette, sub-family C, member 1|LTC4 transporter|OTTHUMP00000045904|leukotriene C(4) transporter|multidrug resistance protein|multiple drug resistance protein 1|multiple drug resistance-associated protein

Pathway

- [ABC transporters](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Cystadenocarcinoma](#)
- [Cystic fibrosis](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [HIV Seropositivity](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Multiple Myeloma](#)
- [Neutropenia](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
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- [Subarachnoid Hemorrhage](#)