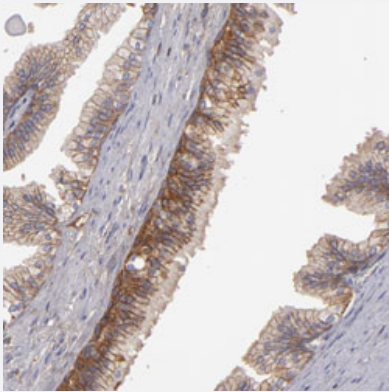


ABCC4 polyclonal antibody

Catalog # PAB28670 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemical staining of human prostate with ABCC4 polyclonal antibody (Cat # PAB28670) shows cytoplasmic and membranous positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ABCC4.
Immunogen	Recombinant protein corresponding to amino acids of human ABCC4.
Sequence	NFSVGQRQLVCLARAILRKNQILIDEATANVDPRTDELIQKKIREKFAHCTVLTIAHRLNTIIDSDKIMV LD SGRLKEYDEPYVLLQNKESLFYK MVQQLGKAEAAAL TETAKQVYFKRNYPHIGHTDHMTNTS NGQPST
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) 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

Immunohistochemical staining of human prostate with ABCC4 polyclonal antibody (Cat # PAB28670) shows cytoplasmic and membranous positivity in glandular cells at 1:200-1:500 dilution.

Gene Info — ABCC4

Entrez GeneID	10257
Gene Name	ABCC4
Gene Alias	EST170205, MOAT-B, MOATB, MRP4
Gene Description	ATP-binding cassette, sub-family C (CFTR/MRP), member 4
Omim ID	605250
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 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 cellular detoxification as a pump for its substrate, organic anions. Alternative splicing results in multiple splice variants encoding different isoforms. [provided by RefSeq]
Other Designations	ATP-binding cassette, sub-family C, member 4 OTTHUMP00000018560 bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4) canalicular multispecific organic anion transporter (ABC superfamily) multidrug resistance-associated protein 4 multispecific

Publication Reference

- [Expression of SLCO1B3 is associated with intratumoral cholestasis and CTNNB1 mutations in hepatocellular carcinoma.](#)

Shigeki Sekine, Reiko Ogawa, Hidenori Ojima and Yae Kanai.

Cancer Science 2011 Sep; 102(9):1742.

Application: IHC-P, Human, Liver

Pathway

- [ABC transporters](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Fanconi Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)

- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)