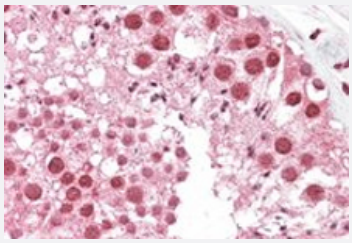
ABCC12 polyclonal antibody

Catalog # PAB11555 Size 100 ug

Applications



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

ABCC12 polyclonal antibody (Cat # PAB11555) (3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ABCC12.
Immunogen	A synthetic peptide corresponding to internal region of human ABCC12.
Sequence	GDLHCEIRDQET
Host	Goat
Theoretical MW (kDa)	94.7, 93, 92.9
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.5-3.8 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

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Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  ABCC12 polyclonal antibody (Cat # PAB11555) (3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ABCC12

Entrez GeneID	94160
Protein Accession#	NP_150229.2
Gene Name	ABCC12
Gene Alias	MGC27071, MRP9
Gene Description	ATP-binding cassette, sub-family C (CFTR/MRP), member 12
Omim ID	607041
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the en coded protein contains two ATP-binding domains and 12 transmembrane regions. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided in to seven distinct subfamilies: ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White. This gen e is a member of the MRP subfamily which is involved in multi-drug resistance. This gene and ano ther subfamily member are arranged head-to-tail on chromosome 16q12.1. Increased expression of this gene is associated with breast cancer. [provided by RefSeq
Other Designations	ATP-binding cassette protein C12|ATP-binding cassette transporter sub-family C member 12|OT THUMP00000164186|multidrug resistance-associated protein 9

Publication Reference

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- Multiple splicing variants of two new human ATP-binding cassette transporters, ABCC11 and ABCC12.

  Yabuuchi H, Shimizu H, Takayanagi S, Ishikawa T.

  Biochemical and Biophysical Research Communications 2001 Nov; 288(4):933.

Pathway

- ABC transporters

Disease

- Tobacco Use Disorder

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