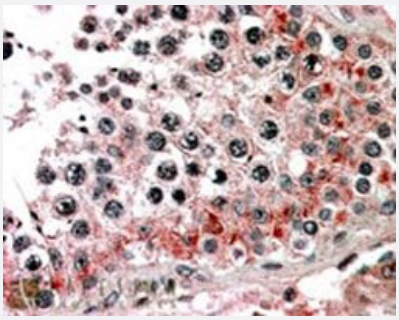
ABCB9 polyclonal antibody

Catalog # PAB6296 Size 100 ug

Applications



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

ABCB9 polyclonal antibody (Cat # PAB6296, 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 ABCB9.
Immunogen	A synthetic peptide corresponding to human ABCB9.
Sequence	C-GHNEPVANGSHKA
Host	Goat
Theoretical MW (kDa)	79.8, 84.5
Reactivity	Human
Specificity	This antibody is expected to recognize both human isoforms of this protein (as represented by NP_062570 and NP_062571)
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:64000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-5 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)
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)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ABCB9

Entrez GeneID	23457
Protein Accession#	NP_062570;NP_062571
Gene Name	ABCB9
Gene Alias	EST122234, KIAA1520, TAPL
Gene Description	ATP-binding cassette, sub-family B (MDR/TAP), member 9
Omim ID	605453
Gene Ontology	Hyperlink
Gene Summary	The membrane-associated 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/T AP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Me mbers of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presenta tion. The function of this half-transporter has not yet been determined; however, this protein may pl ay a role in lysosomes. Alternative splicing of this gene results in distinct isoforms which are likely to have different substrate specifications. [provided by RefSeq
Other Designations	-

Publication Reference

- Characterization of ABCB9, an ATP binding cassette protein associated with lysosomes.

  Zhang F, Zhang W, Liu L, Fisher CL, Hui D, Childs S, Dorovini-Zis K, Ling V.

  The Journal of Biological Chemistry 2000 Jul; 275(30):23287.

  Application: IHC-Fr, IF, WB-Tr, Human, Mouse, Rat, SKOV3 cells, Testis

Pathway

- ABC transporters
- Lysosome