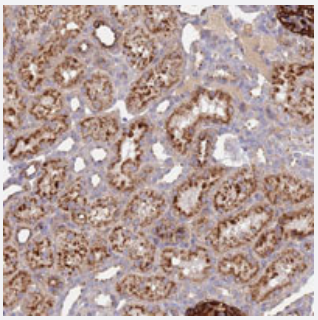
ABCB6 polyclonal antibody

Catalog # PAB28205 Size 100 uL

Applications



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

Immunohistochemical staining of human kidney with ABCB6 polyclonal antibody (Cat # PAB28205) shows moderate cytoplasmic positivity in cells in tubules at 1:10-1:20 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ABCB6.
Immunogen	Recombinant protein corresponding to amino acids of recombinant ABCB6.
Sequence	STVVNADQILVIKDGCIVERGRHEALLSRGGVYADMWQLQQGQEETSEDTKPQTMER
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) 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 shoul d be handled by trained staff only.

Applications

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Gene Info — ABCB6

Entrez GeneID	10058
Protein Accession#	Q9NP58
Gene Name	ABCB6
Gene Alias	ABC, ABC14, EST45597, FLJ22414, MTABC3, PRP, umat
Gene Description	ATP-binding cassette, sub-family B (MDR/TAP), member 6
Omim ID	605452
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. This half-transporter likely plays a role in mitochondrial function. Localized to 2q26, this gene is considered a candidate gene for lethal neonatal metabolic syndrome, a disorder of mitochondri al function. [provided by RefSeq
Other Designations	ATP-binding cassette half-transporter|ATP-binding cassette, sub-family B, member 6

Pathway

- ABC transporters

Disease

- Abnormalities
- Acidosis
- Cholestasis
- Genetic Predisposition to Disease
- Growth Disorders
- Renal Aminoacidurias
- Syndrome