ABCG4 polyclonal antibody

Catalog # PAB11484 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ABCG4.
Immunogen	A synthetic peptide corresponding to human ABCG4.
Sequence	C-YLVLRYRVKSER
Host	Goat
Theoretical MW (kDa)	71.9
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:8000) 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

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ABCG4

Entrez GeneID	64137
Protein Accession#	NP_071452.2
Gene Name	ABCG4
Gene Alias	WHITE2
Gene Description	ATP-binding cassette, sub-family G (WHITE), member 4
Omim ID	607784
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is included in the superfamily of ATP-binding cassette (ABC) tr ansporters. 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, G CN20, White). This protein is a member of the White subfamily and is expressed predominantly in liver tissue. The function has not yet been determined but may involve cholesterol transport. Altern ate splice variants have been described but their full length sequences have not been determined. [provided by RefSeq
Other Designations	ATP-binding cassette, subfamily G, member 4|putative ABC transporter

Publication Reference

- ABCG4: a novel human white family ABC-transporter expressed in the brain and eye.

  Oldfield S, Lowry C, Ruddick J, Lightman S.

  Biochimica et Biophysica Acta 2002 Aug; 1591(1-3):175.

Pathway

- ABC transporters

Disease

- Atherosclerosis

- Calcinosis

- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Edema