



# Human ABCG4 blocking peptide (CDBP0275)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-ABCG4 antibody
<b>Antigen Description</b>	The protein encoded by this gene is included in 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 White subfamily and is expressed predominantly in liver tissue. The function has not yet been determined but may involve cholesterol transport. Alternate splice variants have been described but their full length sequences have not been determined. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ABCG4 ATP-binding cassette, sub-family G (WHITE), member 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ABCG4
<b>Synonyms</b>	ABCG4; ATP-binding cassette, sub-family G (WHITE), member 4; WHITE2; ATP-binding

cassette sub-family G member 4; putative ABC transporter; ATP-binding cassette, subfamily G, member 4;

Entrez Gene ID	<a href="#">64137</a>
mRNA Refseq	<a href="#">NM_001142505.1</a>
Protein Refseq	<a href="#">NP_001135977.1</a>
UniProt ID	Q9H172
Chromosome Location	11q23.3
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; ABC-family proteins mediated transport, organism-specific biosystem; ABCA transporters in lipid homeostasis, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	ATP binding; ATPase activity; cholesterol transporter activity; protein binding; protein heterodimerization activity; protein homodimerization activity;