



# Anti-ABCG4 (aa 1-171) polyclonal antibody (DPABH-27050)

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

## PRODUCT INFORMATION

Antigen Description	The ATP binding cassette (ABC) superfamily of membrane transporters is one of the largest protein classes known, and counts for numerous proteins involved in trafficking of biological molecules across membranes. ABCG4 protein is highly expressed in both human and mouse brain, it is a 646aa molecule in human (chr 11q23) and mouse. It is an integral membrane protein may be involved in macrophage lipid homeostasis. The ABCG4 protein's abundant expression in brain and close evolutionary relationship to the other members of the subfamily suggests a potential role in cholesterol transport.
Immunogen	Recombinant fragment corresponding to a region within amino acids 1-171 of Human ABCG4 (AAH41091).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µl
Buffer	Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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## GENE INFORMATION

Gene Name	<a href="#">ABCG4 ATP-binding cassette, sub-family G (WHITE), member 5 [ Homo sapiens ]</a>
Official Symbol	ABCG4
Synonyms	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>
Protein Refseq	<a href="#">NP_001135977.1</a>
UniProt ID	<a href="#">Q9H172</a>
Pathway	ABC transporters; ABC-family proteins mediated transport; Transmembrane transport of small molecules;
Function	ATP binding; ATPase activity; cholesterol transporter activity; protein binding