



# Human ABCA9 blocking peptide (CDBP0262)

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-ABCA9 antibody
<b>Antigen Description</b>	This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the encoded protein contains two transmembrane domains and two nucleotide binding folds. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This gene is a member of the ABC1 subfamily and is clustered with four other ABC1 family members on chromosome 17q24. Transcriptional expression of this gene is induced during monocyte differentiation into macrophages and is suppressed by cholesterol import.
<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="#">ABCA9 ATP-binding cassette, sub-family A (ABC1), member 9 [ Homo sapiens ]</a>
<b>Official Symbol</b>	ABCA9
<b>Synonyms</b>	ABCA9; ATP-binding cassette, sub-family A (ABC1), member 9; ATP-binding cassette sub-

family A member 9; EST640918; ATP-binding cassette A9; MGC75415; DKFZp686F2450;

<b>Entrez Gene ID</b>	<a href="#">10350</a>
<b>mRNA Refseq</b>	<a href="#">NM_080283</a>
<b>Protein Refseq</b>	<a href="#">NP_525022</a>
<b>UniProt ID</b>	Q8IUA7
<b>Chromosome Location</b>	17q24
<b>Pathway</b>	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;
<b>Function</b>	ATP binding; ATPase activity; nucleotide binding;