



## Anti-ABCA6 (aa 53-149) polyclonal antibody (DPAB-DC1109)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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 intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This encoded protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. This gene is clustered among 4 other ABC1 family members on 17q24 and may play a role in macrophage lipid homeostasis.
<b>Immunogen</b>	ABCA6 (NP_525023, 53 a.a. ~ 149 a.a) partial recombinant protein with GST tag. The sequence is  NVQFPGMAPQNLGRVDKFNSSLMVVYTPISNLQQIMNKTLAPLLKGTSVIGAPNKTH MDEILLENLPYAMGIIIFNETFSYKLIFFQGYNNSPLWK
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">ABCA6 ATP-binding cassette, sub-family A (ABC1), member 6 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ABCA6
<b>Synonyms</b>	ABCA6; ATP-binding cassette, sub-family A (ABC1), member 6; EST155051; ATP-binding cassette sub-family A member 6; ABC transporter ABCA6; ATP-binding cassette A6;
<b>Entrez Gene ID</b>	<a href="#">23460</a>
<b>Protein Refseq</b>	<a href="#">NP_525023</a>
<b>UniProt ID</b>	<a href="#">Q8N139</a>
<b>Chromosome Location</b>	17q24.3
<b>Pathway</b>	ABC transporters; ABCA transporters in lipid homeostasis;
<b>Function</b>	ATP binding; ATPase activity;