



# Human ABCA6 blocking peptide (CDBP0260)

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-ABCA6 antibody   |
| <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>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

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|------------------------|--|
| <b>Gene Name</b>       | <a href="#">ABCA6 ATP-binding cassette, sub-family A (ABC1), member 6 [ Homo sapiens ]</a> |
| <b>Official Symbol</b> | ABCA6  |
| <b>Synonyms</b>        | ABCA6; ATP-binding cassette, sub-family A (ABC1), member 6; ATP-binding cassette sub-      |

family A member 6; EST155051; ABC transporter ABCA6; ATP-binding cassette A6; FLJ43498;

|                            |  |
|----------------------------|--|
| <b>Entrez Gene ID</b>      | <a href="#">23460</a>  |
| <b>mRNA Refseq</b>         | <a href="#">NM_080284</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_525023</a>  |
| <b>UniProt ID</b>          | Q8N139   |
| <b>Chromosome Location</b> | 17q21  |
| <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;  |