



# Anti-SCARB2 polyclonal antibody [Biotin] (DPABY-686)

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

## PRODUCT INFORMATION

|                            |   |
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| <b>Antigen Description</b> | LIMP2 (lysosomal integral membrane protein II), also known as LPG85 (85 kDa lysosomal membrane sialoglycoprotein) and CD36 antigen-like 2 (CD36L2), is a major lysosomal membrane protein. It belongs to the scavenger receptor class B subfamily and is designated member 2 (SR-B2). Other mammalian members of this family include SR-B1 (also known as Cla-1 and CD36L1), and SR-B3 (CD36). LIMP2 is widely expressed on all tissues and cell types examined thus far. |
| <b>Specificity</b>         | Detects human LIMP2/SR-B2 Luminal Loop in ELISAs and Western blots. In sandwich immunoassays, approximately 6% cross-reactivity with recombinant mouse LIMP2 is observed and less than 0.3% cross-reactivity with recombinant human (rh)SR-B1 and rhCD36 is observed.   |
| <b>Immunogen</b>           | Mouse myeloma cell line NS0-derived recombinant human LIMP2/SR-B2 Luminal Loop. Arg27-Thr432 Accession Number Q14108  |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Goat  |
| <b>Species Reactivity</b>  | Human   |
| <b>Purification</b>        | Antigen Affinity-purified   |
| <b>Conjugate</b>           | Biotin  |
| <b>Applications</b>        | Western Blot, ELISA Detection (Matched Pair)  |
| <b>Format</b>              | Liquid  |
| <b>Size</b>                | 50 µg   |

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| <b>Buffer</b>       | Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.   |
| <b>Preservative</b> | None  |
| <b>Storage</b>      | Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to - 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at - 20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

## GENE INFORMATION

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|----------------------------|--|
| <b>Gene Name</b>           | <a href="#">SCARB2 scavenger receptor class B, member 2 [ Homo sapiens (human) ]</a>   |
| <b>Official Symbol</b>     | SCARB2   |
| <b>Synonyms</b>            | SCARB2; scavenger receptor class B, member 2; AMRF; EPM4; LGP85; CD36L2; HLGP85; LIMP-2; LIMP2; SR-BII; lysosome membrane protein 2; LIMP II; CD36 antigen-like 2; lysosome membrane protein II; 85 kDa lysosomal membrane sialoglycoprotein; 85 kDa lysosomal |
| <b>Entrez Gene ID</b>      | <a href="#">950</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_001191184</a>   |
| <b>UniProt ID</b>          | <a href="#">Q14108</a>   |
| <b>Chromosome Location</b> | 4q21.1   |
| <b>Pathway</b>             | Lysosome;  |
| <b>Function</b>            | enzyme binding; protein binding; receptor activity;  |