

# Product Datasheet

## ABCG5 Antibody NBP1-59803

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-59803**

## ABCG5 Antibody

| Product Information     |                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------|
| Unit Size               | 100 ul                                                                                      |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| Clonality               | Polyclonal                                                                                  |
| Preservative            | 0.09% Sodium Azide                                                                          |
| Isotype                 | IgG                                                                                         |
| Purity                  | Immunogen affinity purified                                                                 |
| Buffer                  | PBS and 2% Sucrose                                                                          |
| Target Molecular Weight | 72 kDa                                                                                      |

| Product Description |                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Rabbit                                                                                                                                                                                                                                            |
| Gene ID             | 64240                                                                                                                                                                                                                                             |
| Gene Symbol         | ABCG5                                                                                                                                                                                                                                             |
| Species             | Human, Mouse                                                                                                                                                                                                                                      |
| Reactivity Notes    | Mouse reactivity reported in scientific literature (PMID: 25261526).                                                                                                                                                                              |
| Immunogen           | Synthetic peptides corresponding to ABCG5 (ATP-binding cassette, sub-family G (WHITE), member 5) The peptide sequence was selected from the middle region of ABCG5(50ug). Peptide sequence<br>CGYPCPEHSNPFDFYMDLTSVDTQSKEREIETSKRVQMIESAYKKSAICH. |
| Notes               | The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.       |

| Product Application Details |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| Applications                | Western Blot                                                                          |
| Recommended Dilutions       | Western Blot 0.2-1 ug/ml                                                              |
| Application Notes           | This is a rabbit polyclonal antibody against ABCG5 and was validated on Western blot. |

**Publications**

Huang Y, Wang J, Quan G et al. Lactobacillus acidophilus ATCC 4356 prevents atherosclerosis via inhibition of intestinal cholesterol absorption in Apolipoprotein E-knockout mice. Appl. Environ. Microbiol. 2014-09-26 [PMID: 25261526] (WB, Mouse)

Details:  
ABCG5 antibody used for WB on total proteins isolated from small intestines of ApoE<sup>0/0</sup> mice treated with or without Lactobacillus acidophilus / ATCC 4356 (FIG 7C).





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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