

## Anti-ABCA5 Antibody Picoband®

Catalog Number: A09348-1

### About ABCA5

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, but neither the substrate nor the function of this gene is known. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described.

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### Overview

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|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-ABCA5 Antibody Picoband®                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactive Species     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Description          | Boster Bio Anti-ABCA5 Antibody Picoband® catalog # A09348-1. Tested in WB, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Application          | ELISA, IF, ICC, WB                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formulation          | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .                                                                                                                                                                                                                                                                                                                                              |
| Storage Instructions | At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.                                                                                                                                                                                                                                      |
| Host                 | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Uniprot ID           | Q8WWZ7                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### Technical Details

|           |                                                                        |
|-----------|------------------------------------------------------------------------|
| Immunogen | E.coli-derived human ABCA5 recombinant protein (Position: E793-F1642). |
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|---------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Form                | Lyophilized                                                                                                                       |
| Concentration       | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.                                                         |
| Purification        | Immunogen affinity purified.                                                                                                      |
| Suggested Dilutions | Western blot, 0.25-0.5 ug/ml, Human, Mouse, Rat<br>Immunocytochemistry/Immunofluorescence, 5 ug/ml, Human<br>ELISA, 0.1-0.5 ug/ml |

[Anti-ABCA5 Antibody](#)

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