

## Product Datasheet

### ALOX12 Antibody (orb2584421)

|                            |                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>      | orb2584421                                                                                                                                                                          |
| <b>Category</b>            | Antibodies                                                                                                                                                                          |
| <b>Description</b>         | Anti-ALOX12 Antibody. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.                                                                                |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                          |
| <b>Species/Host</b>        | Rabbit                                                                                                                                                                              |
| <b>Isotype</b>             | IgG                                                                                                                                                                                 |
| <b>Conjugation</b>         | PE                                                                                                                                                                                  |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                   |
| <b>Form/Appearance</b>     | Lyophilized                                                                                                                                                                         |
| <b>Concentration</b>       | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                           |
| <b>Purification</b>        | Immunogen affinity purified.                                                                                                                                                        |
| <b>Immunogen</b>           | E.coli-derived human ALOX12 recombinant protein (Position: A186-R628). Human ALOX12 shares 87.3% and 86% amino acid (aa) sequence identity with mouse and rat ALOX12, respectively. |
| <b>UniProt ID</b>          | <b>P18054</b>                                                                                                                                                                       |
| <b>MW</b>                  | 75 kDa                                                                                                                                                                              |
| <b>Tested applications</b> | ELISA, WB                                                                                                                                                                           |
| <b>Application notes</b>   | Western blot, 0.25-0.5 µg/ml, Human, Mouse, Rat ELISA, 0.1-0.5 µg/ml, -. Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml                                   |

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|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cross Reactivity</b> | No cross reactivity with other proteins.                                                                                                                                                          |
| <b>Antibody Type</b>    | Primary Antibody                                                                                                                                                                                  |
| <b>Storage</b>          | 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. |
| <b>Note</b>             | For research use only                                                                                                                                                                             |

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