

## Product Datasheet

### Anti-Aquaporin 4/AQP4 Antibody (orb2576258)

|                            |                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>      | orb2576258                                                                                                                                                                                            |
| <b>Description</b>         | Anti-Aquaporin 4/AQP4 Antibody                                                                                                                                                                        |
| <b>Species/Host</b>        | Rabbit                                                                                                                                                                                                |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                     |
| <b>Conjugation</b>         | iFluor647                                                                                                                                                                                             |
| <b>Tested Applications</b> | IHC, WB                                                                                                                                                                                               |
| <b>Immunogen</b>           | A synthetic peptide corresponding to a sequence at the C-terminus of human Aquaporin 4, different from the related rat and mouse sequences by two amino acids.                                        |
| <b>Form/Appearance</b>     | Lyophilized                                                                                                                                                                                           |
| <b>Concentration</b>       | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                                             |
| <b>Storage</b>             | Store 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 freeze-thaw cycles. |
| <b>Note</b>                | For research use only                                                                                                                                                                                 |
| <b>Application notes</b>   | Western blot, 0.1-0.5µg/ml, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human, Mouse, Rat. Add 0.2ml of distilled water will yield a concentration of 500ug/ml             |
| <b>Isotype</b>             | Rabbit IgG                                                                                                                                                                                            |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                            |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                                                                                      |
| <b>MW</b>                  | 24 kDa                                                                                                                                                                                                |

**Biorbyt Ltd.**

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+441223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

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|------------------------|---------------------------------|
| <b>Uniprot ID</b>      | <b>P55087</b>                   |
| <b>Expiration Date</b> | 12 months from date of receipt. |

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7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)