

## Product Datasheet

### Aquaporin 2 antibody (FITC) (orb461554)

**Description**

Rabbit polyclonal antibody against

|                            |                                                                                                                                                                                                                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                             |
| <b>Conjugation</b>         | FITC                                                                                                                                                                                                                                                                                                                          |
| <b>Tested Applications</b> | ICC, IF                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>           | KLH conjugated synthetic peptide derived from human AQP2 (101-150aa)                                                                                                                                                                                                                                                          |
| <b>Target</b>              | AQP2                                                                                                                                                                                                                                                                                                                          |
| <b>Preservatives</b>       | 0.01M TBS(pH7.4) with 1% rAlbumin, 0.03% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                         |
| <b>Form/Appearance</b>     | Lyophilized or Liquid                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>       | - 100 µg (in 100 µl): 1 mg/ml                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>             | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                           |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                    |
| <b>MW</b>                  | 30kDa                                                                                                                                                                                                                                                                                                                         |
| <b>Uniprot ID</b>          | <b>P41181</b>                                                                                                                                                                                                                                                                                                                 |
| <b>Dilution Range</b>      | IF=1:100-500,ICC=1:100-500                                                                                                                                                                                                                                                                                                    |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                                                                               |