

## Anti-AQP4 Rabbit Monoclonal Antibody

Catalog Number: M01049-1

### About AQP4

Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-AQP4 Rabbit Monoclonal Antibody   |
| Reactive Species     | Human, Rat   |
| Description          | Boster Bio Anti-AQP4 Rabbit Monoclonal Antibody catalog # M01049-1. Tested in IHC application. This antibody reacts with Human, Rat.       |
| Application          | IHC  |
| Clonality            | Monoclonal 17A30   |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host                 | Rabbit   |
| Uniprot ID           | P55087   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthesized peptide derived from human AQP4  |
| Isotype             | IgG  |
| Form                | Liquid   |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.   |
| Purification        | Affinity-chromatography  |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used:<br>IHC 1:50-1:200 |

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