# AQP4 Polyclonal Antibody

**catalog number:** **E-AB-70385**

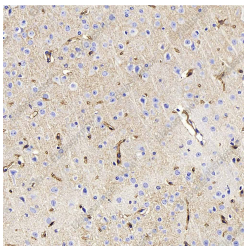
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

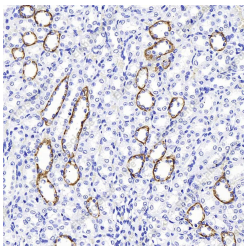
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|---|---|
| **Reactivity** | Mouse;Rat |
| **Immunogen** | Recombinant protein corresponding to Mouse Aquaporin 4. |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:500-1:2000 |

## Data



Immunohistochemistry analysis of paraffin-embedded Mouse brain using AQP4 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded rat kidney using AQP4 Polyclonal Antibody at dilution of 1:400.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

This gene encodes a member of the aquaporin family of intrinsic membrane proteins that function as water-selective channels in the plasma membranes of many cells. The encoded protein is the predominant aquaporin found in brain. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.


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