

# Aquaporin 4 Rabbit Polyclonal Antibody



CAB5665

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30kDa

### Calculated MW:

32kDa/34kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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. This protein is the predominant aquaporin found in brain and has an important role in brain water homeostasis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. A recent study provided evidence for translational readthrough in this gene and expression of an additional C-terminally extended isoform via the use of an alternative in-frame translation termination codon.

## Immunogen information

### Gene ID:

361

### Uniprot

P55087

### Synonyms:

AQP4; MIWC; WCH4; aquaporin-4

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 244-323 of human Aquaporin 4 (NP\_001641.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot - Aquaporin 4 Polyclonal Antibody (CAB5665)

