

**Aquaporin-4 (AQP4) Rabbit Monoclonal Antibody**  
**CAB11210**



**Product Information**

<b>Product SKU:</b>	CAB11210	<b>Gene ID:</b>	361	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC54345	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

**Additional Information**

<b>Observed MW:</b>	35kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	32KDa/34kDa	<b>Isotype:</b>	IgG

**Immunogen Information**

<b>Background:</b>	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. Additional isoforms, resulting from the use of alternative in-frame translation initiation codons, have also been described. Recent studies provided evidence for translational readthrough in this gene, and expression of C-terminally extended isoforms via the use of an alternative in-frame translation termination codon.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
<b>Synonyms:</b>	MIWC; WCH4; hAQP4; Aquaporin-4 (AQP4)
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 256-323 of human Aquaporin-4 (AQP4) (NP_001641.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.