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# Aquaporin 4 Polyclonal Antibody

**Cat #:** G-AB-10207

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
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.

**Gene ID:** 361

**Accession #:**

**Immunogen:** Recombinant fusion protein of human Aquaporin 4 (NP_001641.1).

**Conjugation:** Unconjugated

**Swissprot:** P55087

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IHC,IF

**Dilution:** IHC 1:50-1:200 IF 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.