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# Aquaporin-4 (AQP4) Polyclonal Antibody

Catalog Number: E-AB-93383



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

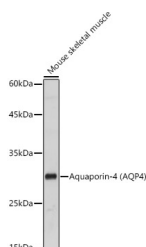
## Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Recombinant fusion protein of human Aquaporin-4
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.

## Applications Recommended Dilution

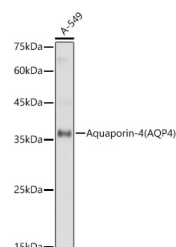
<b>WB</b>	1:500-1:2000
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## Data



Western blot analysis of extracts of Mouse skeletal muscle using Aquaporin-4 Polyclonal Antibody at 1:1000 dilution.

**Observed Mw: 32KDa/36KDa**  
**Calculated Mw: 32kDa/34kDa**



Western blot analysis of extracts of A-549 cells using Aquaporin-4 Polyclonal Antibody at 1:1000 dilution.

## Preparation & Storage

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

## 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.

## For Research Use Only

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