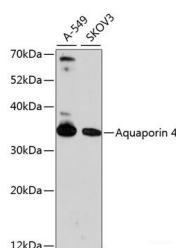


## Aquaporin 4 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-64864	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB	<b>Isotype</b>	IgG

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

### Images



Western blot analysis of extracts of various cell lines using Aquaporin-4 (AQP4) Polyclonal Antibody at 1:1000 dilution.

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human Aquaporin 4
<b>GeneID</b>	361
<b>Swissprot</b>	P55087
<b>Synonyms</b>	AQP4,MIWC,WCH4,aquaporin-4

### Product Information

<b>Calculated MW</b>	32kDa/34kDa
<b>Observed MW</b>	35kDa
<b>Buffer</b>	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.