

# Aquaporin-1 (AQP1) Rabbit pAb

Catalog No.: A5868

## Basic Information

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### Observed MW

29kDa

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse

## Background

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This gene encodes a small integral membrane protein with six bilayer spanning domains that functions as a water channel protein. This protein permits passive transport of water along an osmotic gradient. This gene is a possible candidate for disorders involving imbalance in ocular fluid movement.

## Recommended Dilutions

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WB 1:500 - 1:2000

## Immunogen Information

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### Gene ID

358

### Swiss Prot

P29972

### Immunogen

A synthetic peptide of human Aquaporin-1 (Aquaporin-1 (AQP1))

### Synonyms

CO; CHIP28; AQP-CHIP; Aquaporin-1 (AQP1)

## Contact

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 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

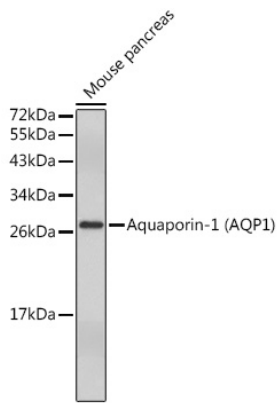
### Storage

Store at 4°C. Avoid freeze / thaw cycles.

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

## Validation Data

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Western blot analysis of extracts of mouse pancreas, using Aquaporin-1 (Aquaporin-1 (AQP1)) antibody (A5868).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.